

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086178.D
 Acq On : 8 Apr 2016 19:56
 Operator : UM/SJ
 Sample : PB89612BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:58 PM

Quant Time: Apr 09 00:20:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	103196	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	408552	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	199033	20.00	ng	-0.05
63) Phenanthrene-d10	11.24	188	370840	20.00	ng	-0.06
75) Chrysene-d12	13.88	240	307417	20.00	ng	-0.05
86) Perylene-d12	15.28	264	211617	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	453061	75.04	ng	-0.03
7) Phenol-d6	6.37	99	533416	69.56	ng	-0.05
23) Nitrobenzene-d5	7.30	82	504774	72.86	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	139804	74.84	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	945714	79.00	ng	-0.05
78) Terphenyl-d14	12.83	244	930144	71.12	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	87572	30.60	ng	98
3) Pyridine	3.00	79	223586	34.89	ng	99
4) n-Nitrosodimethylamine	2.94	42	92124	32.69	ng	97
6) Aniline	6.40	93	141853	14.10	ng	# 59
8) 2-Chlorophenol	6.51	128	246960	34.30	ng	93
9) Benzaldehyde	6.28	77	74802	18.13	ng	95
10) Phenol	6.38	94	291233	33.29	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	221766	32.01	ng	97
12) 1,3-Dichlorobenzene	6.67	146	253413	33.21	ng	98
13) 1,4-Dichlorobenzene	6.74	146	254378	32.36	ng	99
14) 1,2-Dichlorobenzene	6.90	146	237683	32.85	ng	97
15) Benzyl Alcohol	6.89	79	177724	35.82	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.01	45	270303	31.94	ng	80
17) 2-Methylphenol	7.00	107	201122	35.43	ng	97
18) Hexachloroethane	7.23	117	93522	32.34	ng	# 84
19) n-Nitroso-di-n-propylamine	7.15	70	174021	36.61	ng	98
20) 3+4-Methylphenols	7.16	107	261458	37.87	ng	# 61
22) Acetophenone	7.15	105	331614	34.53	ng	# 89
24) Nitrobenzene	7.32	77	247975	32.72	ng	# 85
25) Isophorone	7.56	82	463822	33.92	ng	# 93
26) 2-Nitrophenol	7.64	139	125187	34.52	ng	# 90
27) 2,4-Dimethylphenol	7.69	122	216564	33.25	ng	93
28) bis(2-Chloroethoxy)methane	7.77	93	278916	34.76	ng	98
29) 2,4-Dichlorophenol	7.88	162	205573	37.33	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	209270	33.86	ng	93
31) Naphthalene	8.03	128	675228	32.86	ng	99
32) Benzoic acid	7.82	122	129527	27.11	ng	98
33) 4-Chloroaniline	8.10	127	61046	7.35	ng	96
34) Hexachlorobutadiene	8.16	225	106369	32.01	ng	100
35) Caprolactam	8.46	113	68126m	39.00	ng	
36) 4-Chloro-3-methylphenol	8.59	107	231294	37.37	ng	99
37) 2-Methylnaphthalene	8.73	142	483851	36.04	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	184242	30.80	ng	99
40) Hexachlorocyclopentadiene	8.88	237	115176	59.68	ng	98

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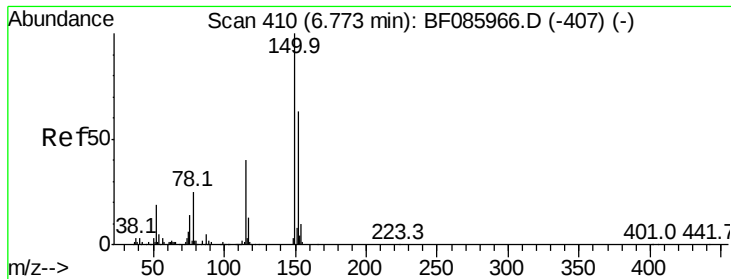
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	128401	33.43	nq	97
43) 2,4,5-Trichlorophenol	9.06	196	138765	35.58	nq #	89
45) 1,1'-Biphenyl	9.18	154	533763	31.10	nq	98
46) 2-Chloronaphthalene	9.22	162	418203	33.62	nq	99
47) 2-Nitroaniline	9.32	65	134035	36.82	nq	89
48) Acenaphthylene	9.63	152	695883	34.92	nq	98
49) Dimethylphthalate	9.49	163	480134	32.55	nq	99
50) 2,6-Dinitrotoluene	9.56	165	110660	35.46	nq	92
51) Acenaphthene	9.80	154	401916	33.91	nq	99
52) 3-Nitroaniline	9.73	138	54227	14.42	nq	93
53) 2,4-Dinitrophenol	9.85	184	100047	55.71	nq	92
54) Dibenzofuran	9.97	168	585540	37.41	nq	99
55) 4-Nitrophenol	9.92	139	128751	58.06	nq	98
56) 2,4-Dinitrotoluene	9.97	165	145313	36.84	nq #	72
57) Fluorene	10.32	166	461418	34.51	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	110623	38.09	nq	95
59) Diethylphthalate	10.19	149	480793	32.29	nq	98
60) 4-Chlorophenyl-phenylether	10.30	204	224262	36.01	nq	94
61) 4-Nitroaniline	10.35	138	125818	33.96	nq	97
62) Azobenzene	10.46	77	563625	39.52	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	69662	31.00	nq #	65
65) n-Nitrosodiphenylamine	10.43	169	425787	36.71	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	133040	35.14	nq #	90
67) Hexachlorobenzene	10.86	284	139353	35.59	nq	94
68) Atrazine	10.96	200	119228	31.82	nq	97
69) Pentachlorophenol	11.06	266	107855	58.78	nq	98
70) Phenanthrene	11.28	178	706146	34.90	nq	99
71) Anthracene	11.32	178	707021	33.36	nq	99
72) Carbazole	11.48	167	623376	34.22	nq	100
73) Di-n-butylphthalate	11.81	149	846261	37.49	nq	100
74) Fluoranthene	12.45	202	671003	31.89	nq	98
76) Benzidine	12.58	184	159773	14.73	nq	99
77) Pyrene	12.68	202	687346	31.73	nq	99
79) Butylbenzylphthalate	13.30	149	321703	32.98	nq #	69
80) Benzo(a)anthracene	13.87	228	572226	31.58	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	104624	7.90	nq #	98
82) Chrysene	13.91	228	503689	28.86	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	436715	33.73	nq	100
84) Di-n-octyl phthalate	14.48	149	723519	35.00	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	405892	28.66	nq	99
87) Benzo(b)fluoranthene	14.89	252	481419m	36.16	nq	
88) Benzo(k)fluoranthene	14.91	252	423520m	35.93	nq	
89) Benzo(a)pyrene	15.22	252	416632	35.32	nq	100
90) Dibenzo(a,h)anthracene	16.61	278	340286	35.86	nq	98
91) Benzo(g,h,i)perylene	17.01	276	332404	36.20	nq #	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

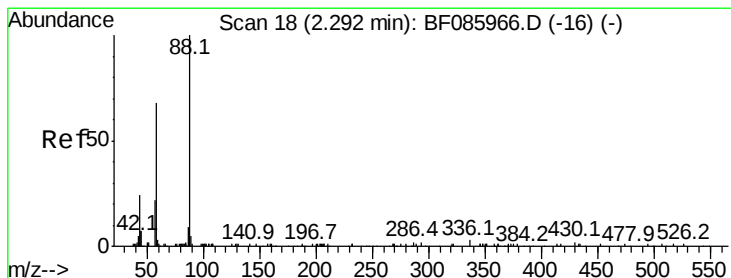
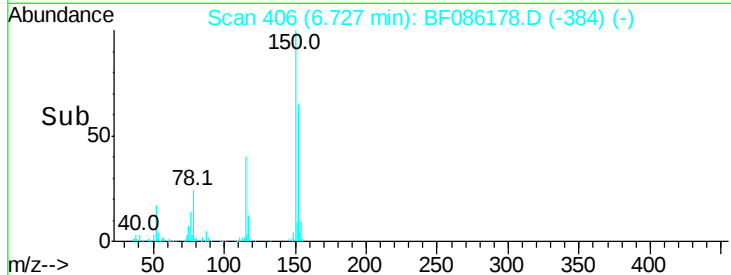
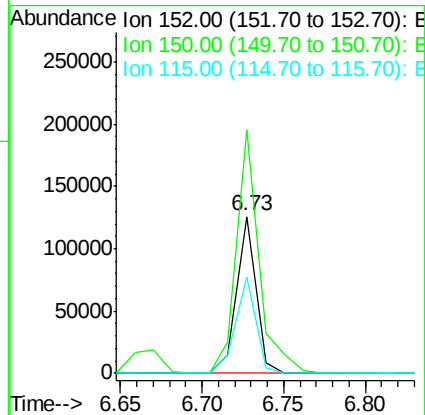
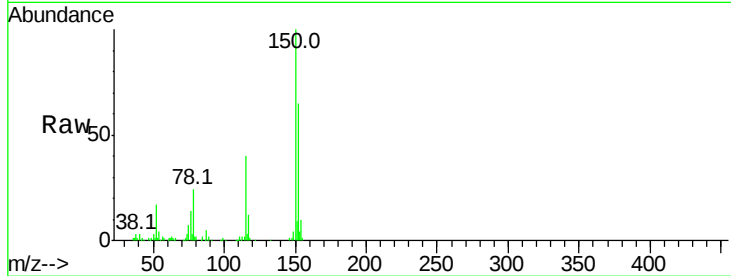
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	61.3	47.0	70.6

Manual Integrations
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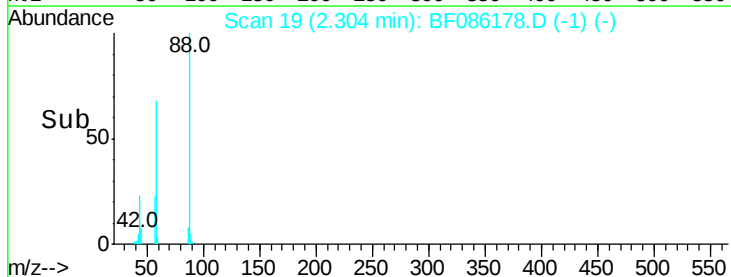
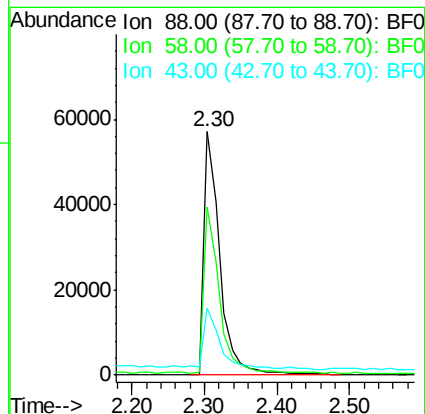
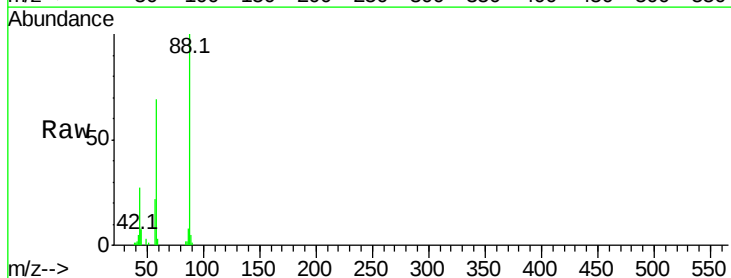
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#2

1,4-Dioxane
Concen: 30.60 ng
RT: 2.30 min Scan# 19
Delta R.T. 0.01 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.0	54.2	81.2
43	23.3	19.3	28.9





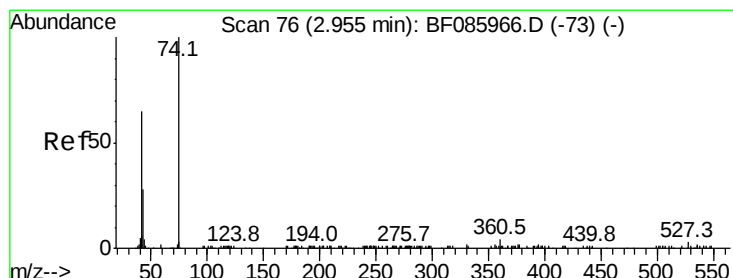
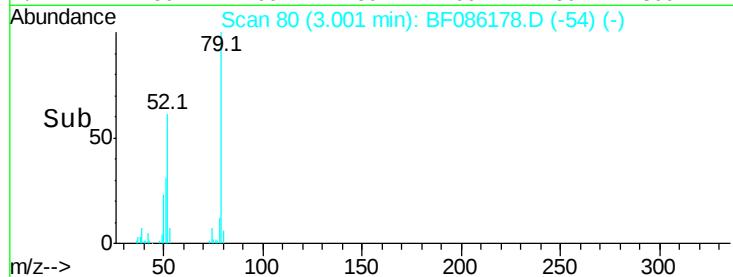
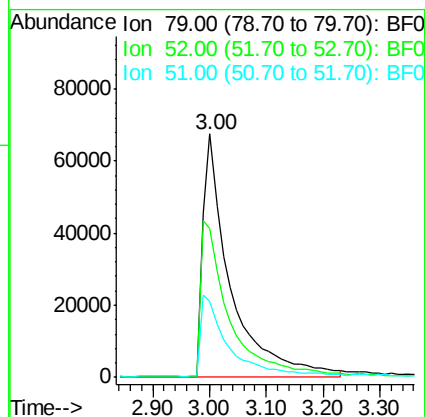
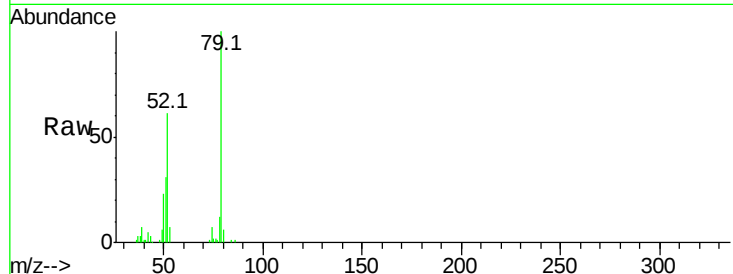
#3
 Pvridine
 Concen: 34.89 ng
 RT: 3.00 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion:	79	Resp:	223586
Ion Ratio	Lower	Upper	
79	100		
52	61.1	49.8	74.6
51	31.1	24.7	37.1

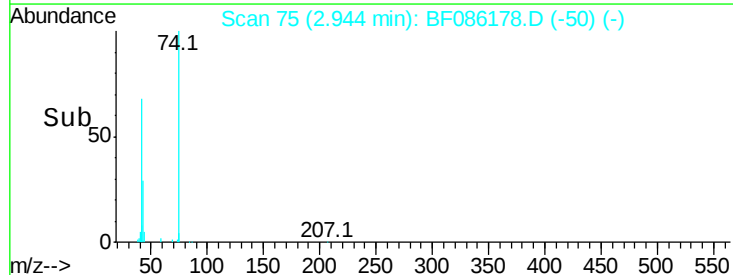
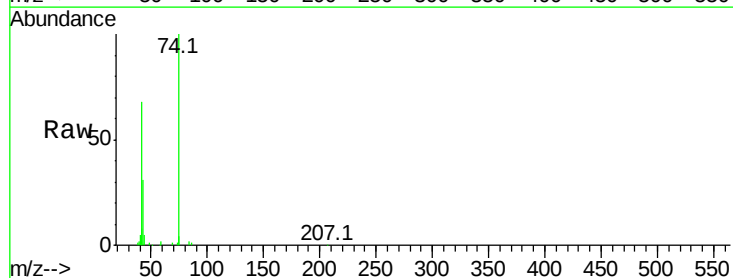
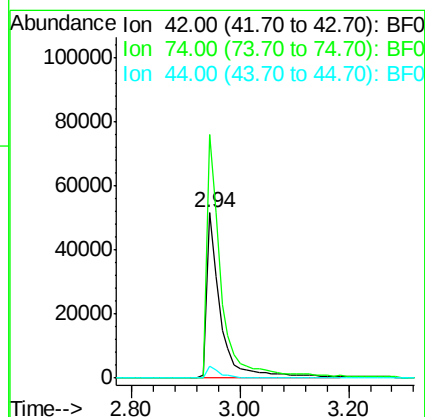
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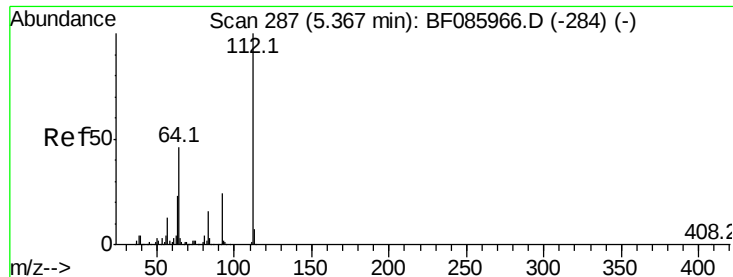
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#4
 n-Nitrosodimethylamine
 Concen: 32.69 ng
 RT: 2.94 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion:	42	Resp:	92124
Ion Ratio	Lower	Upper	
42	100		
74	147.4	121.4	182.2
44	6.9	5.6	8.4





#5

2-Fluorophenol

Concen: 75.04 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

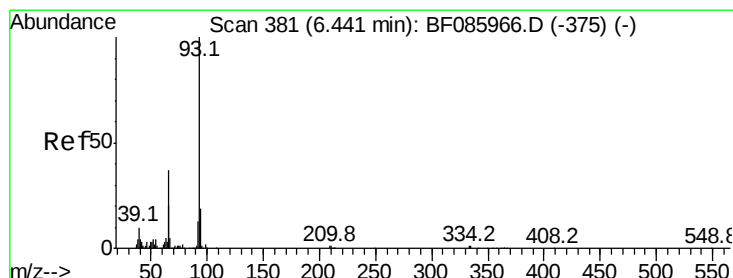
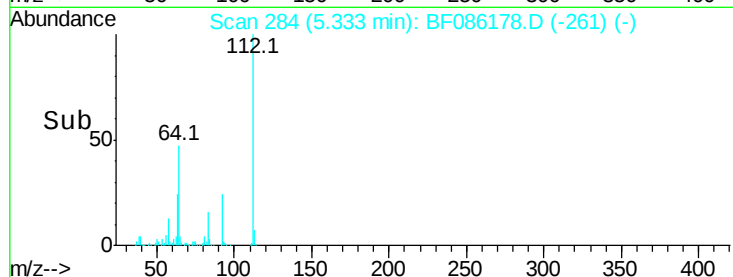
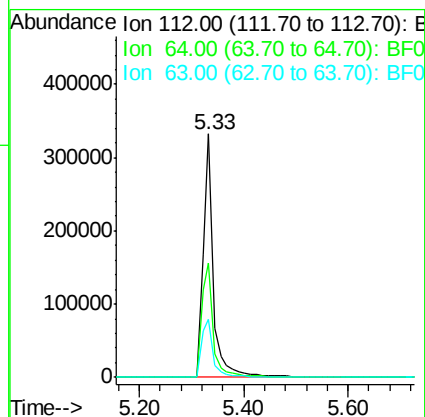
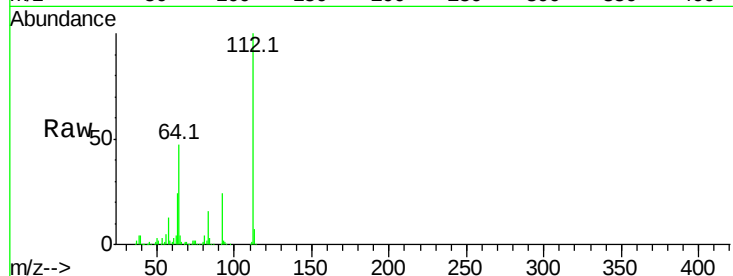
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		453061		
64	46.9	39.9	59.9		
63	23.9	20.2	30.2		



#6

Aniline

Concen: 14.10 ng

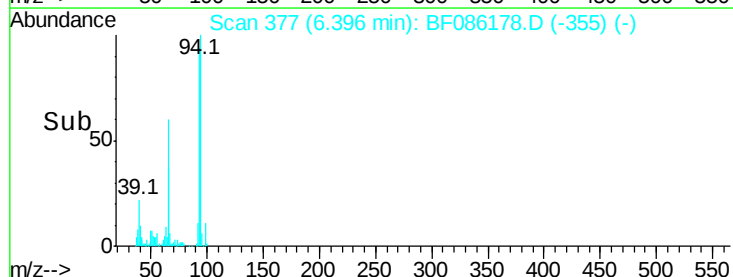
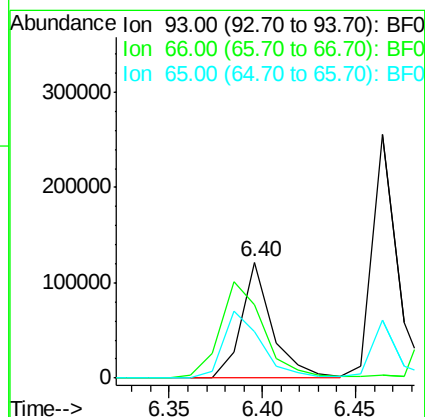
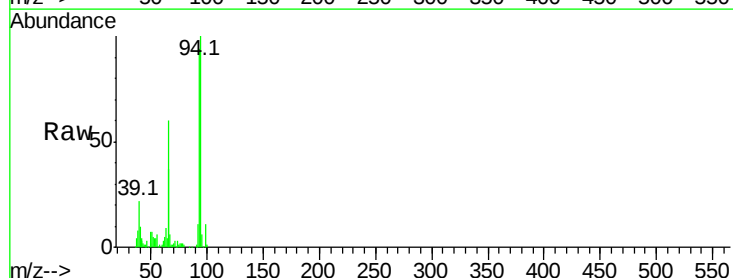
RT: 6.40 min Scan# 377

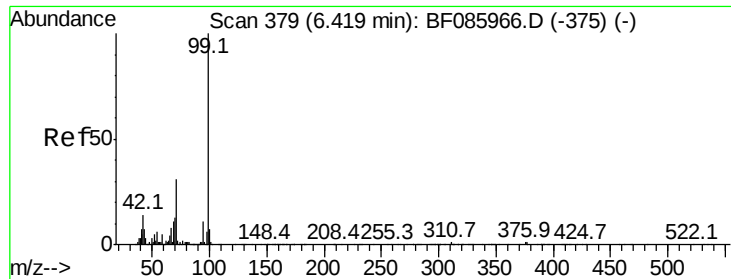
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		141853		
66	63.5	31.4	47.2#		
65	39.7	15.7	23.5#		





#7

Phenol-d6

Concen: 69.56 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

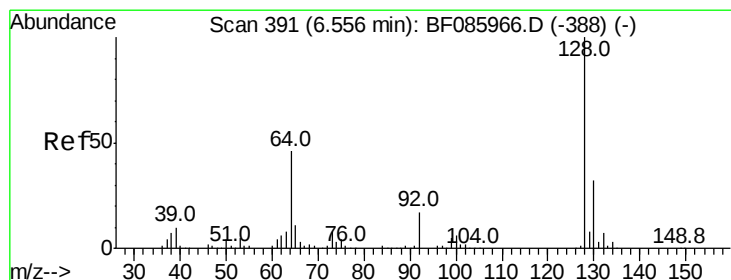
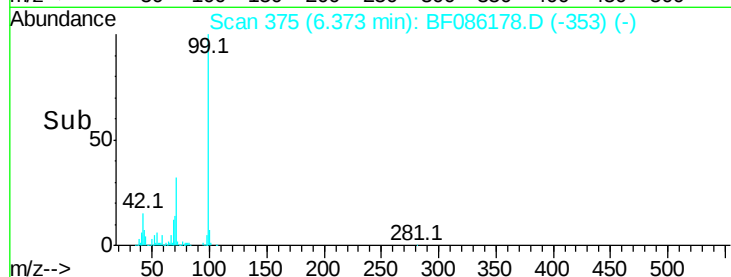
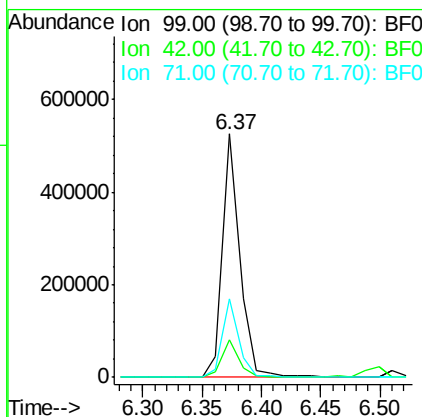
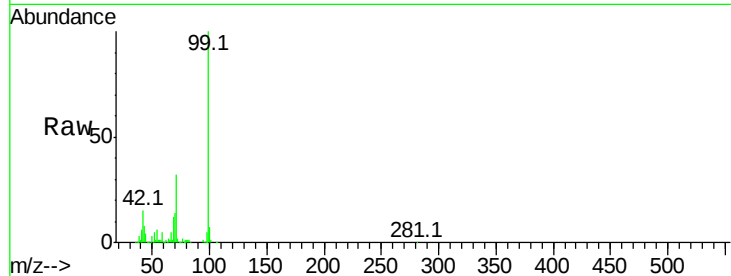
ClientSampleId :

PB89612BS

Tot Ion:	99	Resp:	533416
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.1	16.7
71	32.4	24.9	37.3

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#8

2-Chlorophenol

Concen: 34.30 ng

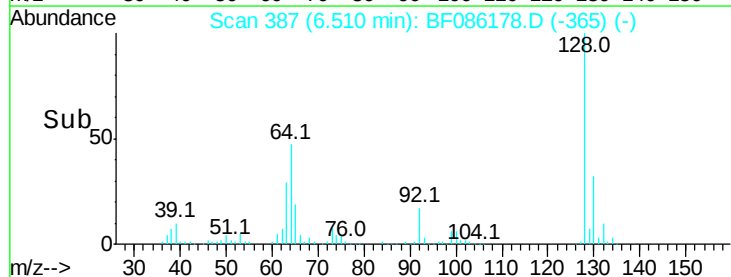
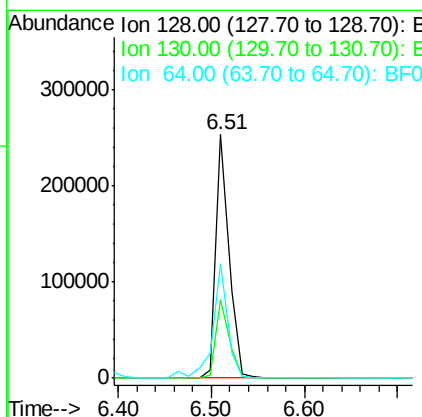
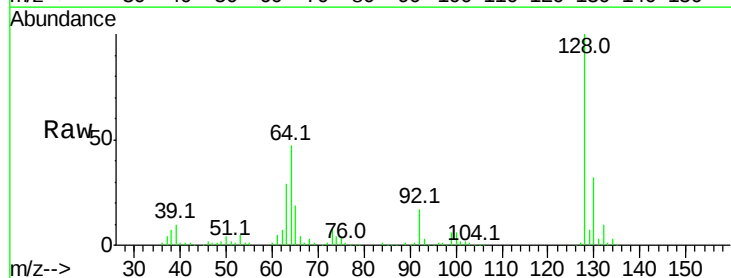
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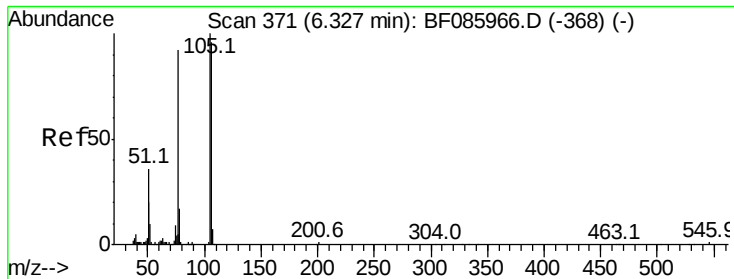
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	128	Resp:	246960
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	47.1	20.2	60.2





#9

Benzaldehyde

Concen: 18.13 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

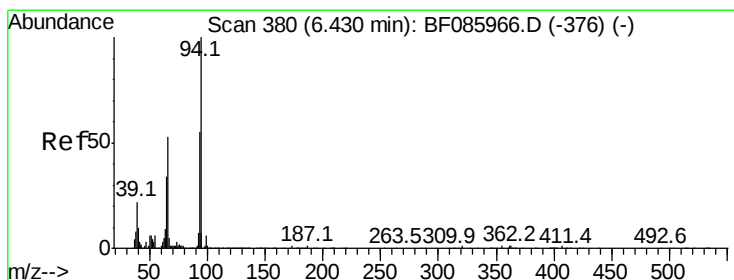
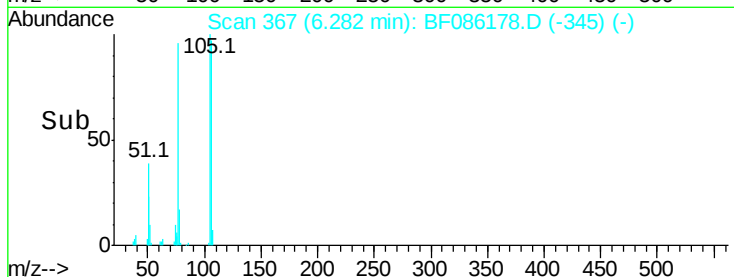
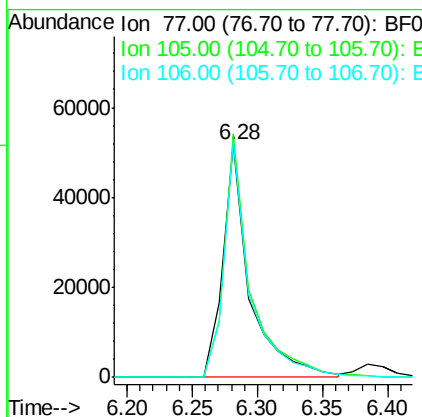
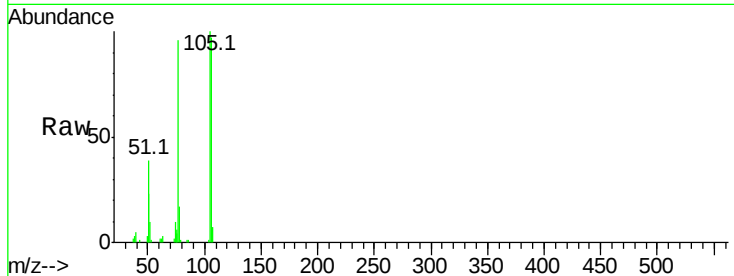
ClientSampleId :

PB89612BS

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Tot Ion	Ratio	Lower	Upper
77	100		
105	104.4	80.1	120.1
106	101.2	75.0	115.0



#10

Phenol

Concen: 33.29 ng

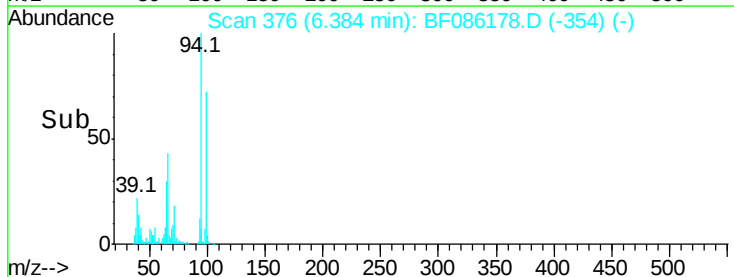
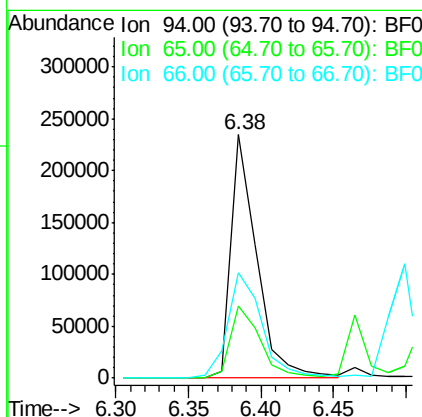
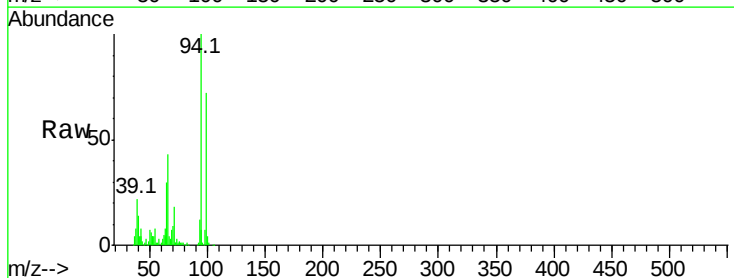
RT: 6.38 min Scan# 376

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.6	48.6
66	43.3	20.0	60.0





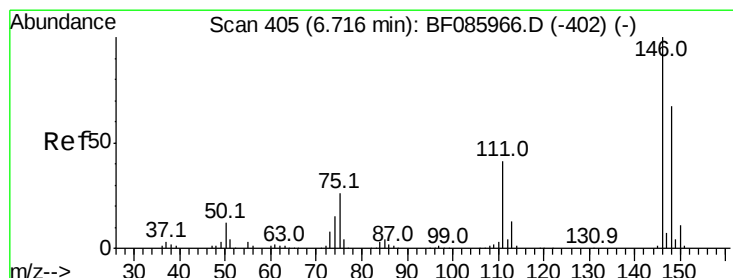
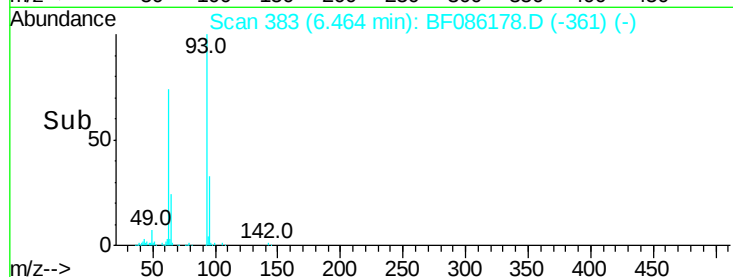
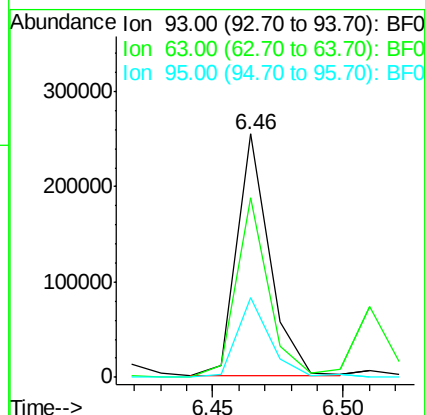
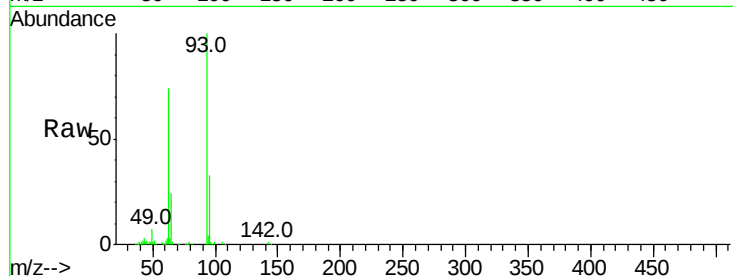
#11
bis(2-Chloroethyl)ether
Concen: 32.01 ng
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion:	93	Resp:	221766
Ion Ratio	Lower	Upper	
93	100		
63	74.0	50.9	90.9
95	32.6	13.3	53.3

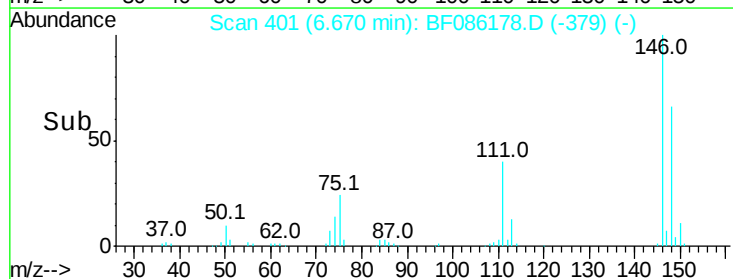
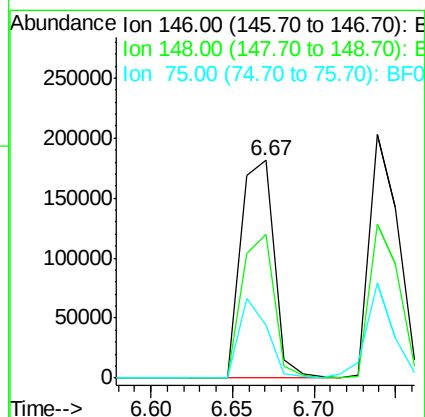
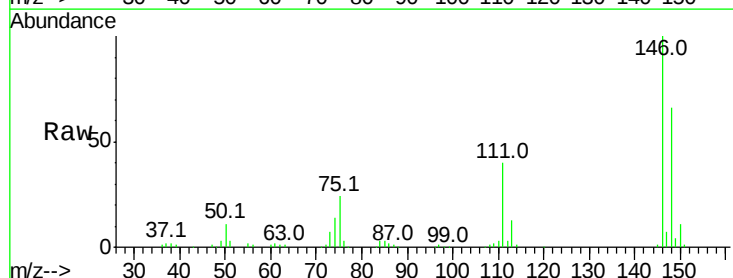
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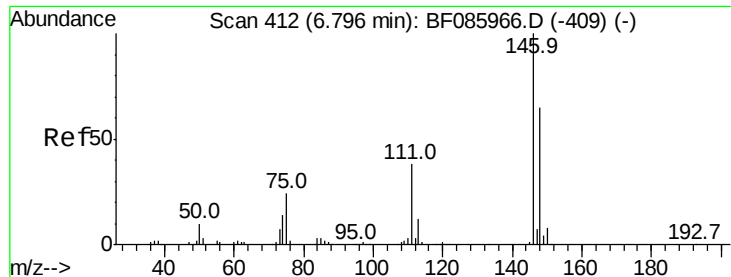
Sohil
4/11/2016 5:45:58 PM



#12
1,3-Dichlorobenzene
Concen: 33.21 ng
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion:	146	Resp:	253413
Ion Ratio	Lower	Upper	
146	100		
148	65.9	52.3	78.5
75	24.1	17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 32.36 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

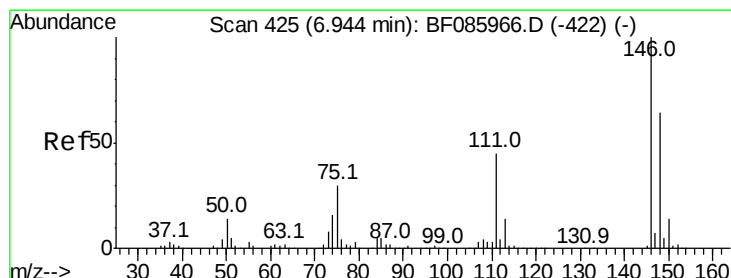
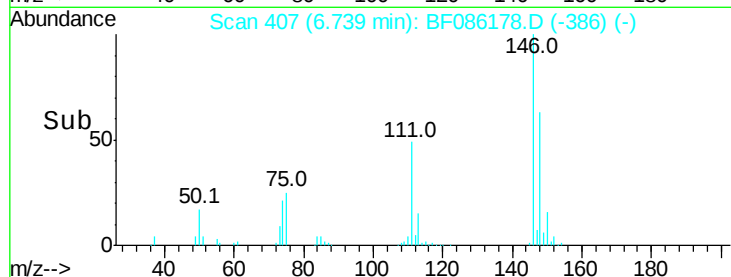
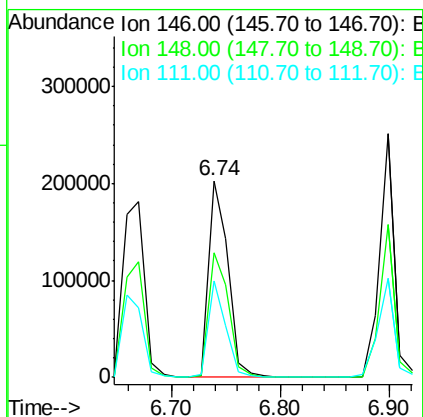
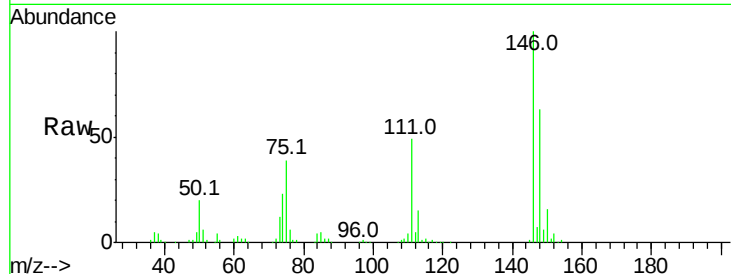
ClientSampleId :

PB89612BS

Tot Ion:	146	Resp:	254378
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.6	76.0
111	49.0	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 32.85 ng

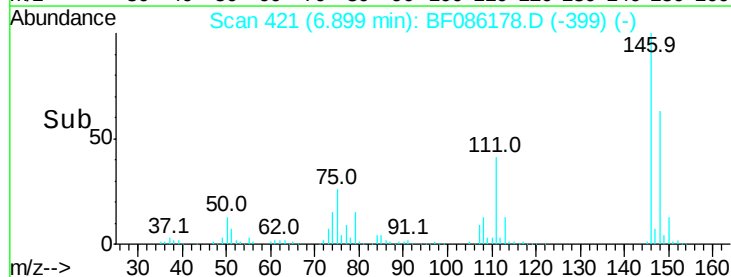
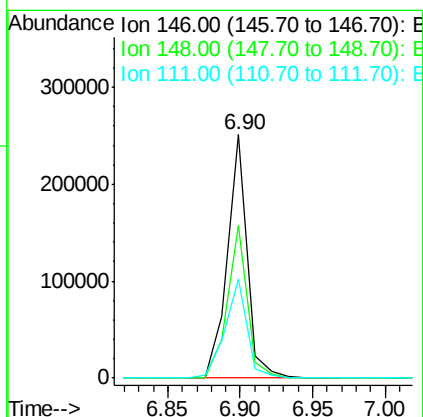
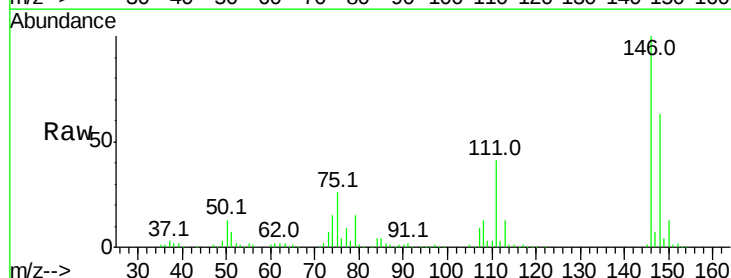
RT: 6.90 min Scan# 421

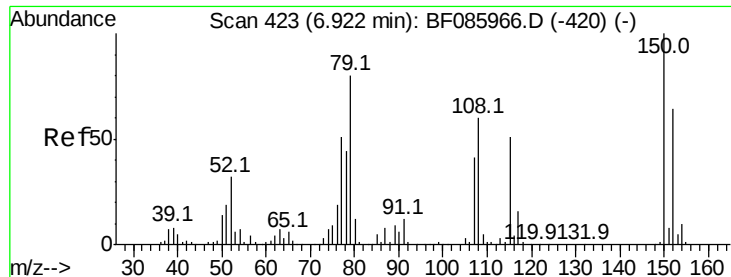
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	146	Resp:	237683
Ion Ratio	Lower	Upper	
146	100		
148	62.9	51.4	77.2
111	40.9	34.6	52.0





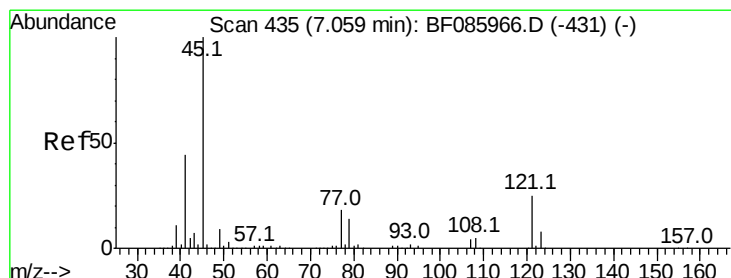
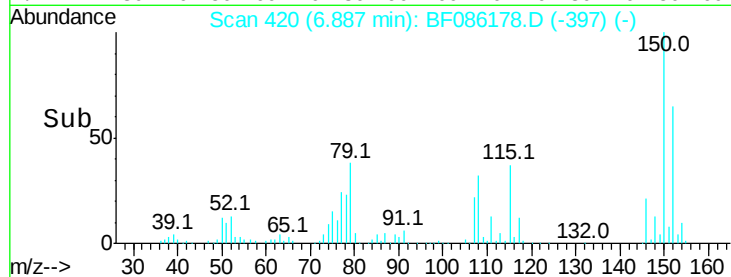
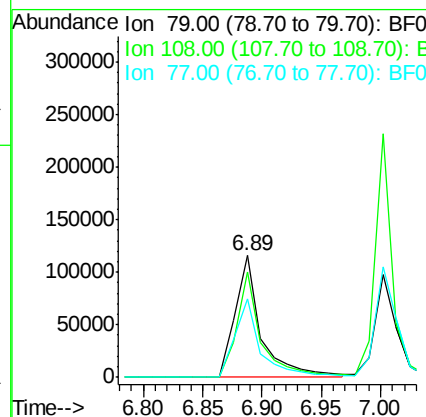
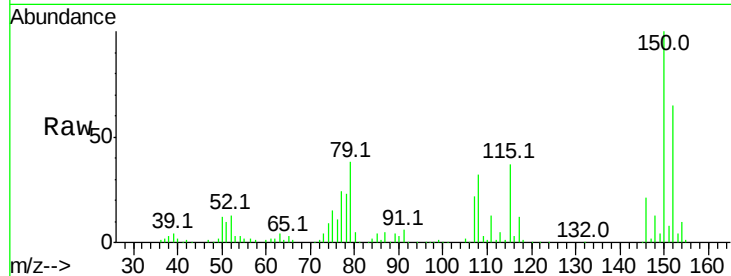
#15
Benzyl Alcohol
Concen: 35.82 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleID :
PB89612BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	86.5	61.8	92.6
77	65.0	49.6	74.4

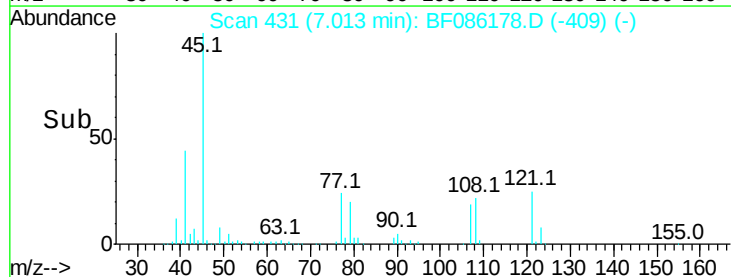
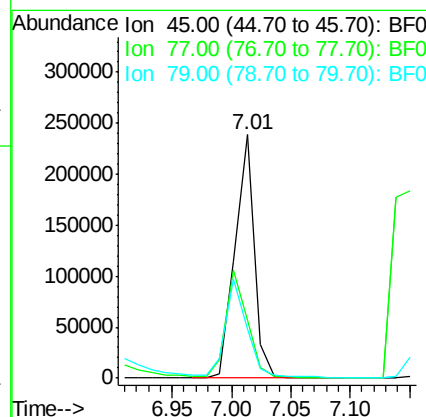
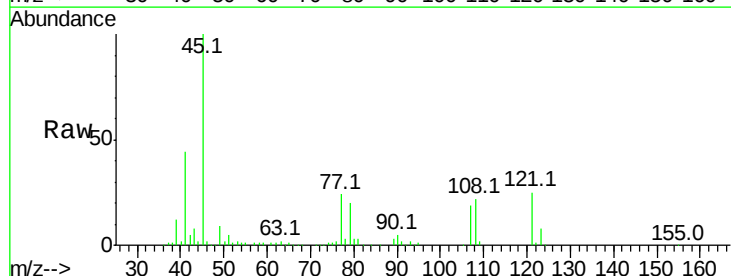
Manual Integrations
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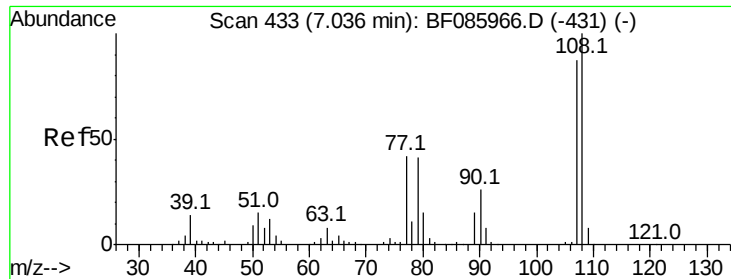
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.94 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	23.8	0.0	35.7
79	20.2	0.0	32.2





#17

2-Methylphenol

Concen: 35.43 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

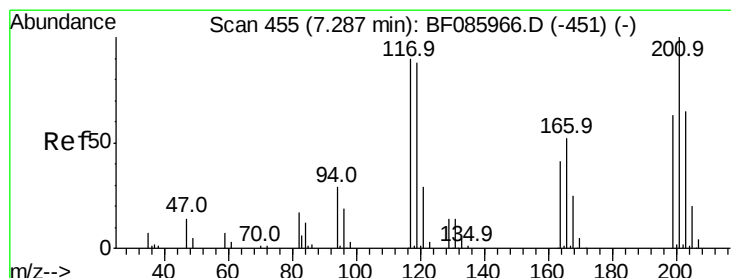
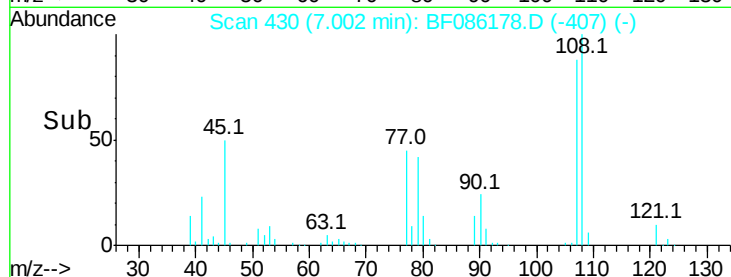
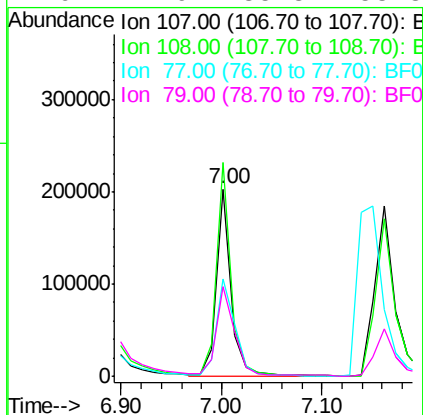
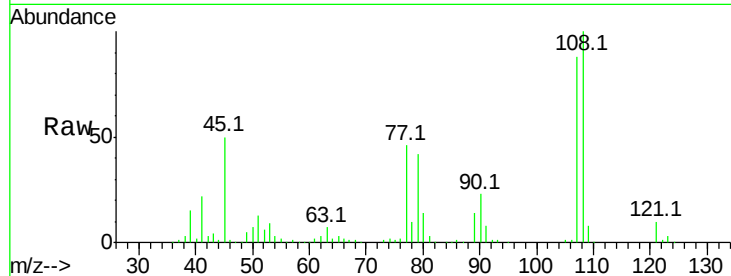
ClientSampleId :

PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	201122		
108	114.0	91.4	137.0	
77	51.9	36.2	54.2	
79	47.9	35.8	53.8	

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#18

Hexachloroethane

Concen: 32.34 ng

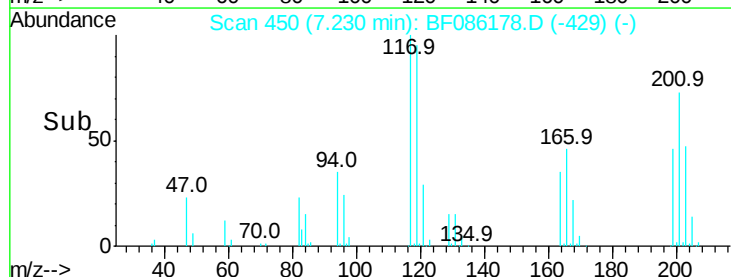
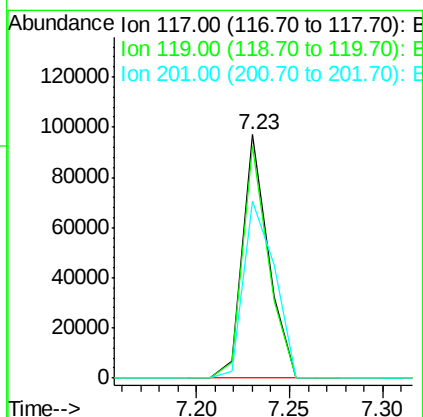
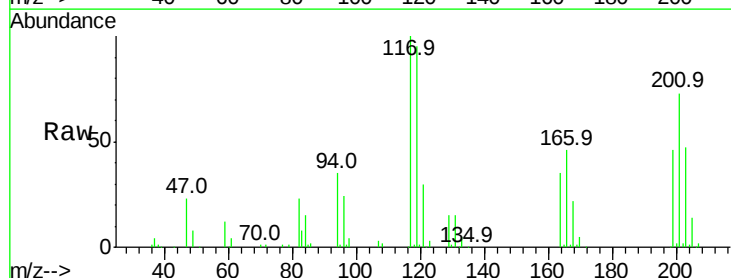
RT: 7.23 min Scan# 450

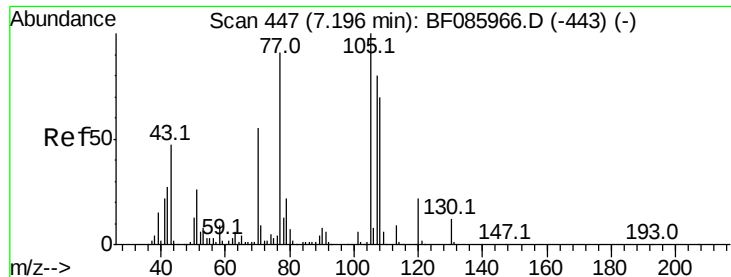
Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	93522		
119	95.3	76.7	115.1	
201	72.5	83.3	124.9#	





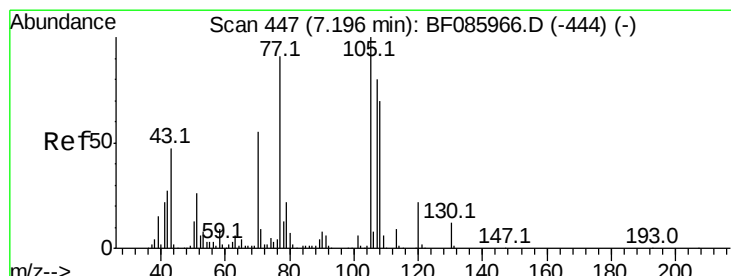
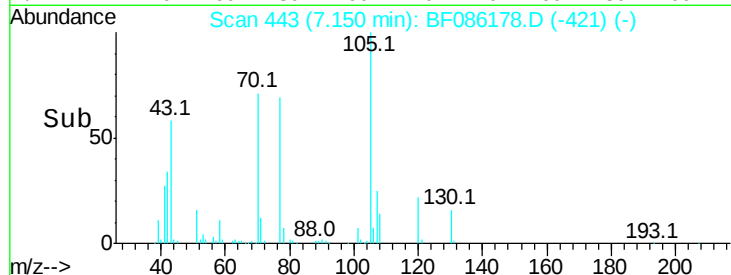
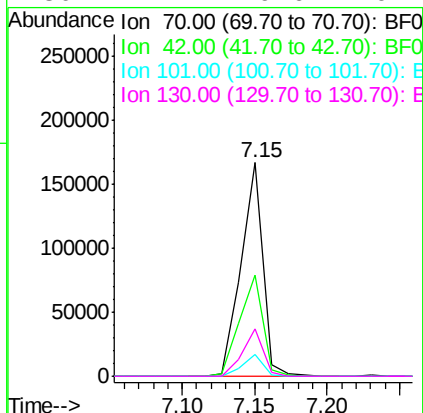
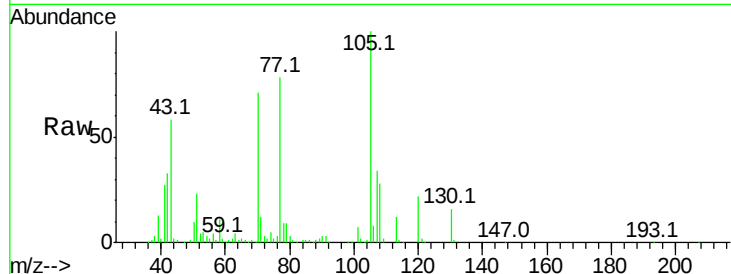
#19
n-Nitroso-di-n-propylamine
Concen: 36.61 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	47.1	37.1	55.7	
101	10.1	8.6	12.8	
130	22.2	19.6	29.4	

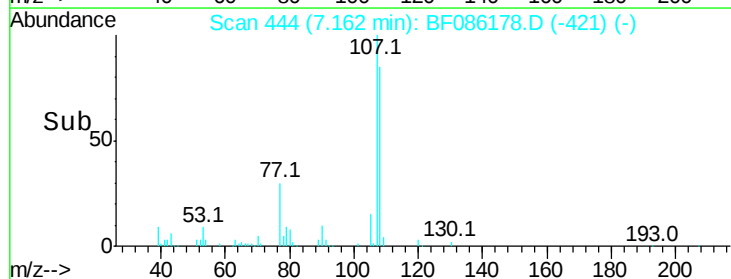
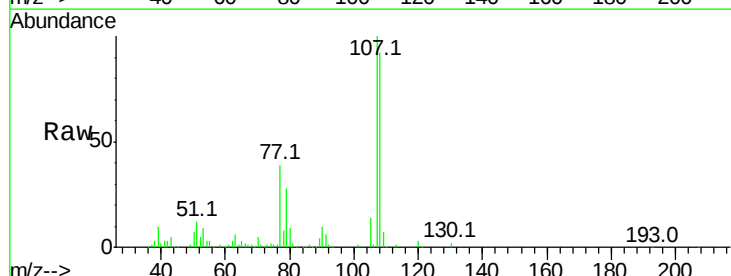
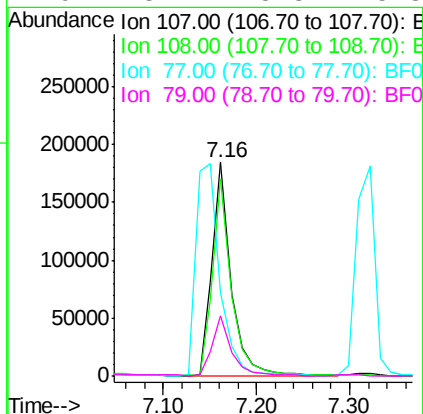
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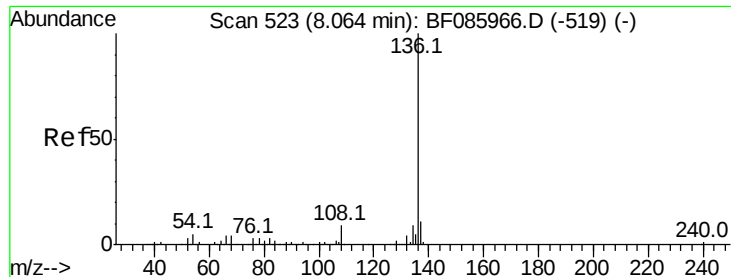
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#20
3+4-Methylphenols
Concen: 37.87 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	69.3	109.3	
77	38.8	101.7	141.7#	
79	28.2	8.3	48.3	





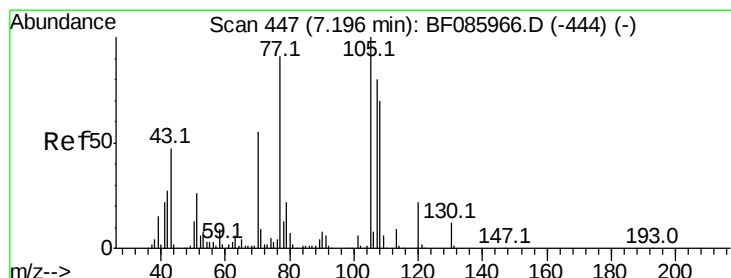
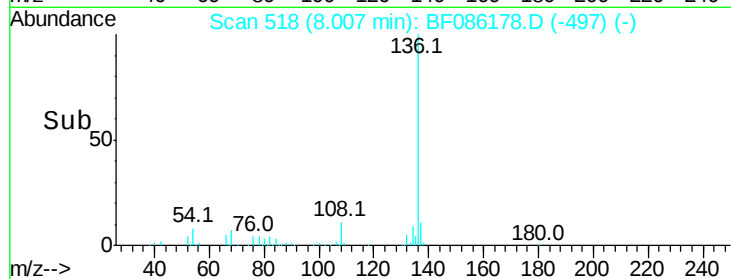
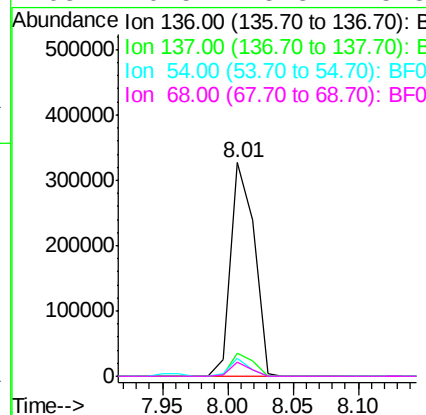
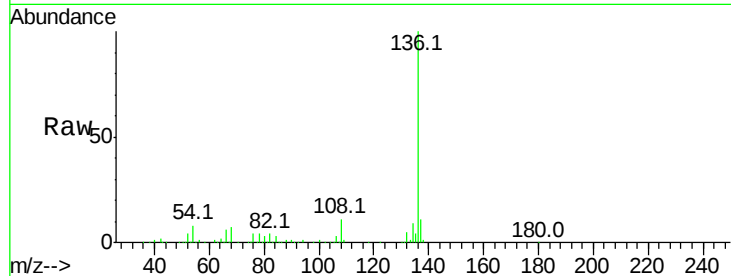
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		408552		
137	10.9		9.1	13.7	
54	8.3		7.4	11.0	
68	6.5		5.8	8.8	

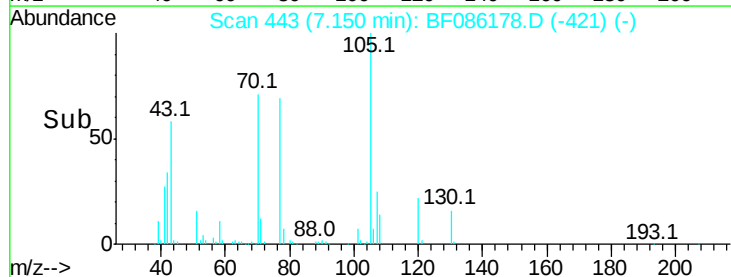
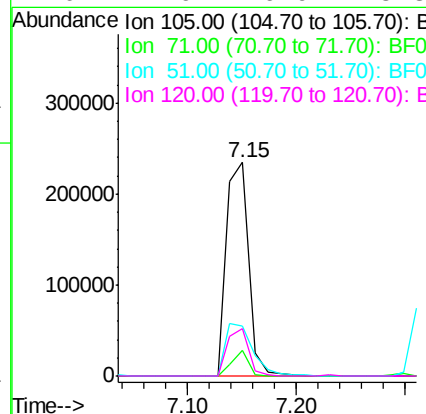
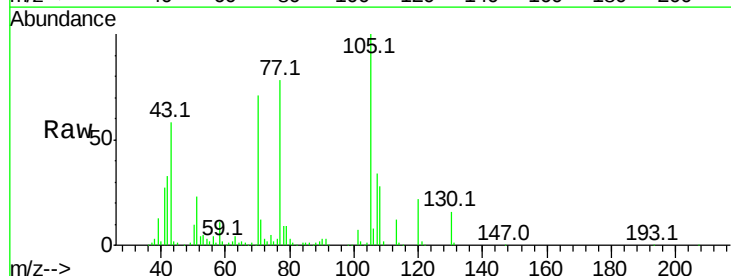
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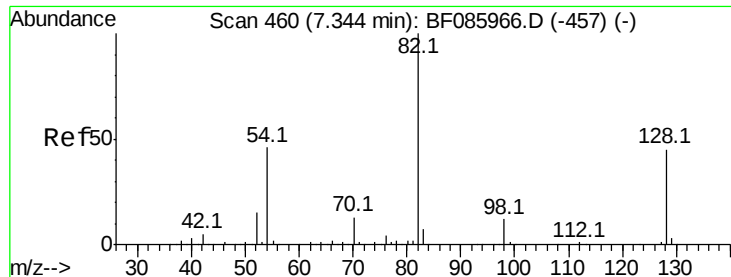
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#22
Acetophenone
Concen: 34.53 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		331614		
71	11.8		3.6	5.4#	
51	23.5		25.4	38.0#	
120	21.9		16.9	25.3	





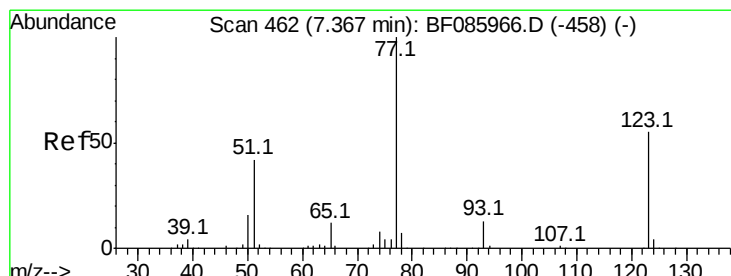
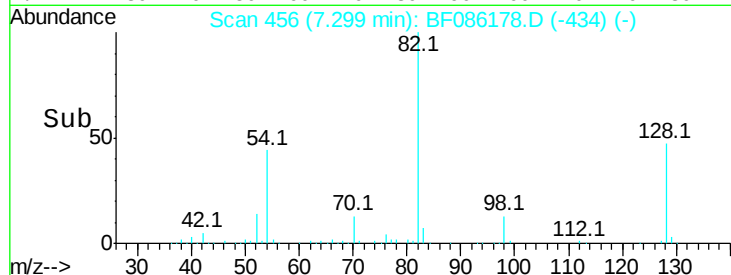
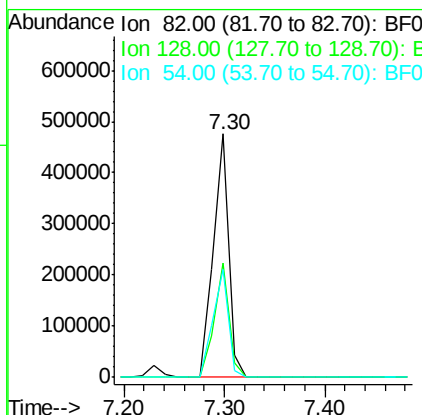
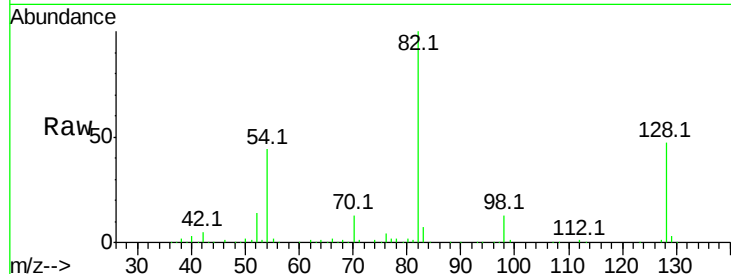
#23
 Nitrobenzene-d5
 Concen: 72.86 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.8	41.8	62.8
54	44.3	33.4	50.0

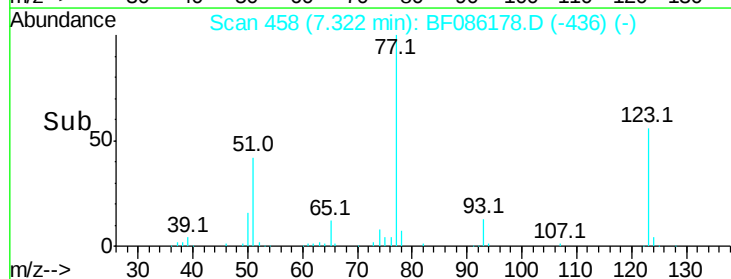
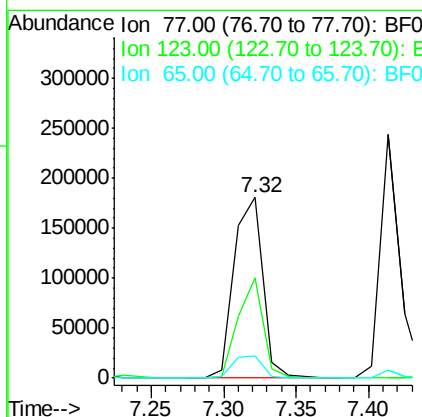
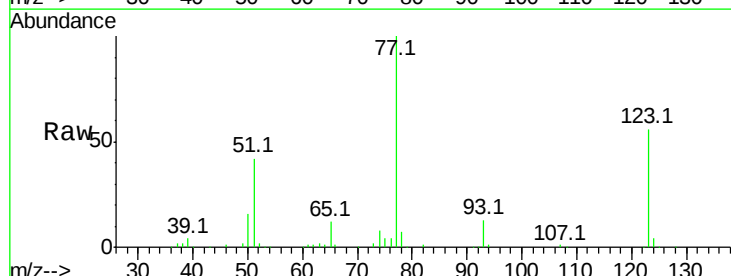
Manual Integrations
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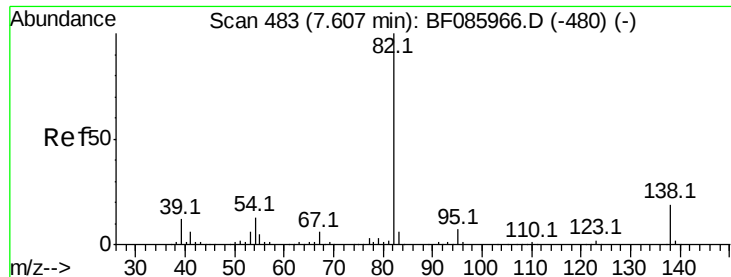
Sohil
 4/11/2016 5:45:58 PM



#24
 Nitrobenzene
 Concen: 32.72 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	55.6	35.0	52.4#
65	12.0	10.6	16.0





#25

Isophorone

Concen: 33.92 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

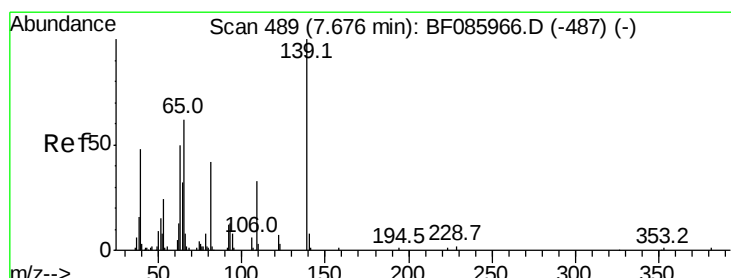
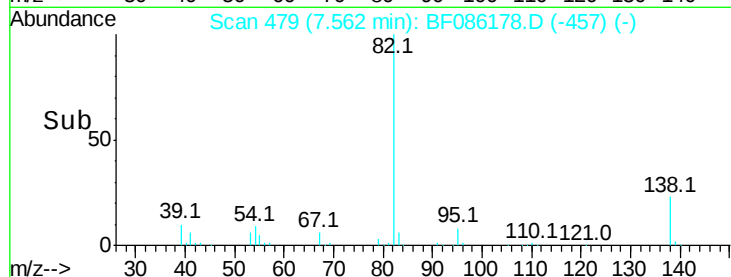
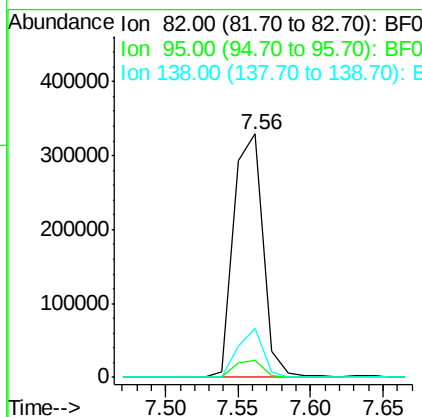
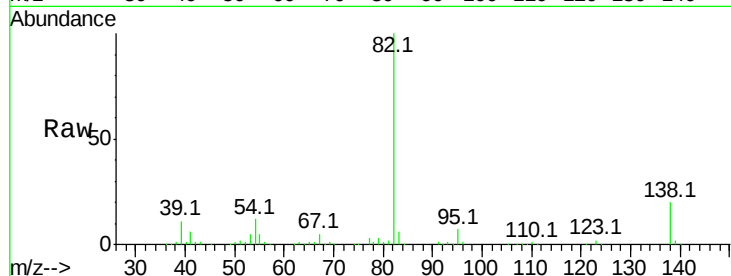
ClientSampleId :

PB89612BS

Tot Ion:	82	Resp:	463822
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	20.4	12.9	19.3#

Manual Integrations
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#26

2-Nitrophenol

Concen: 34.52 ng

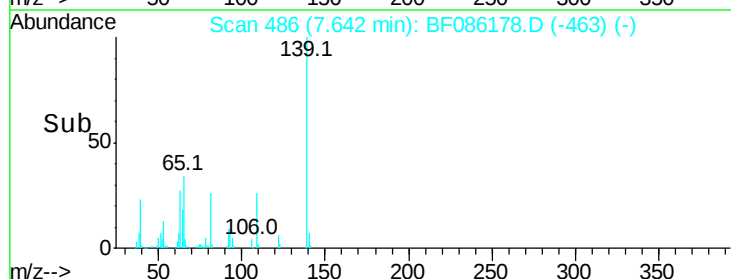
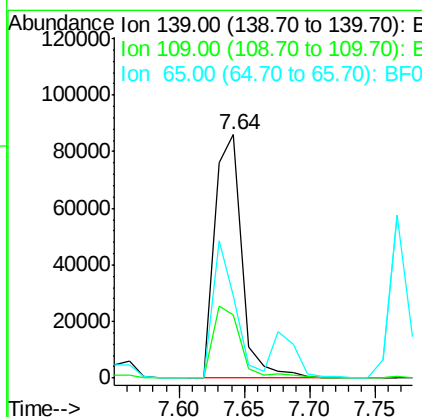
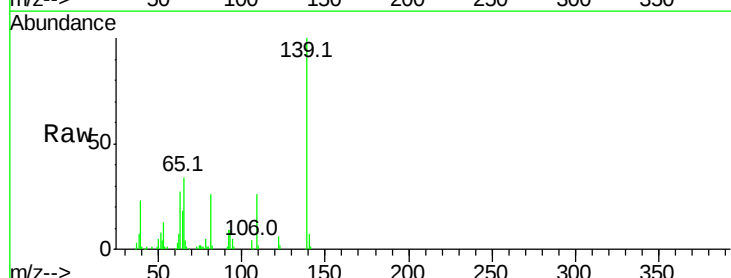
RT: 7.64 min Scan# 486

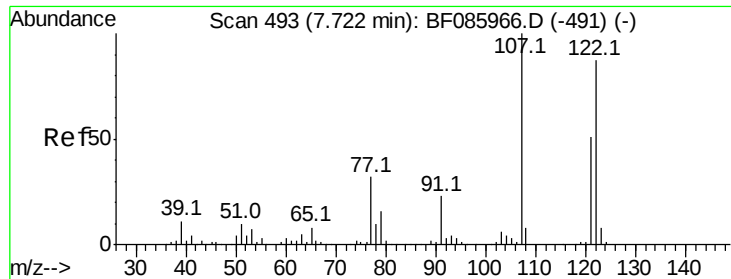
Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	139	Resp:	125187
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.1	33.1
65	33.8	33.9	50.9#





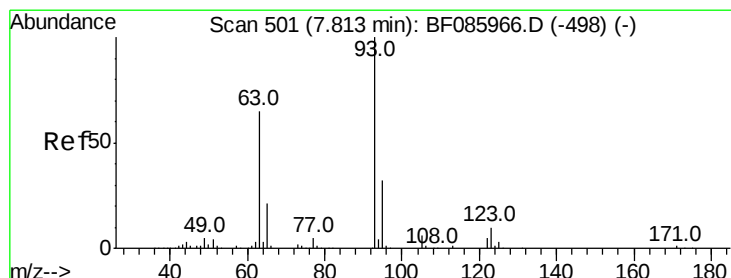
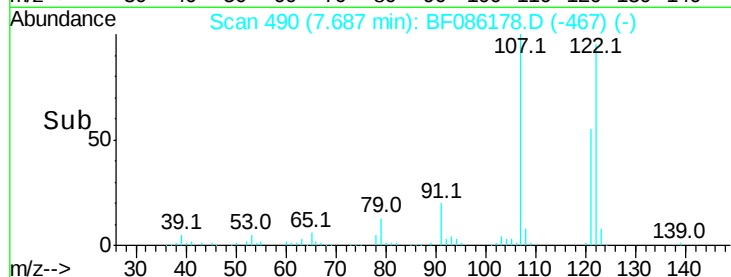
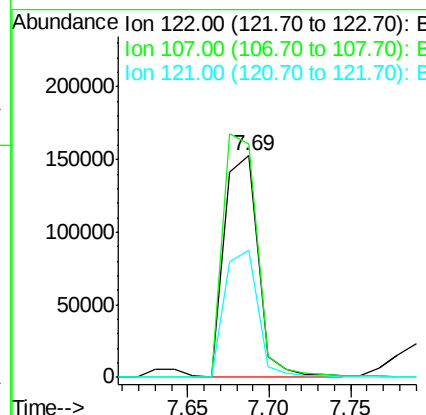
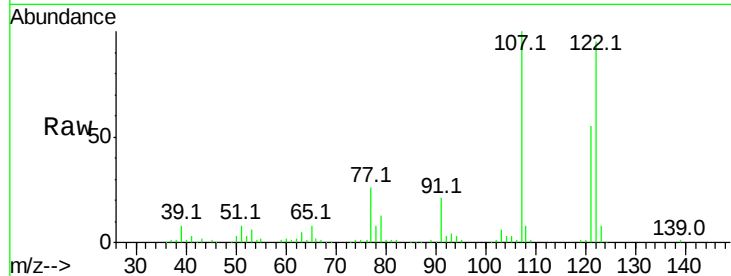
#27
 2,4-Dimethylphenol
 Concen: 33.25 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	216564		
107	105.4	93.0	139.6	
121	57.6	45.9	68.9	

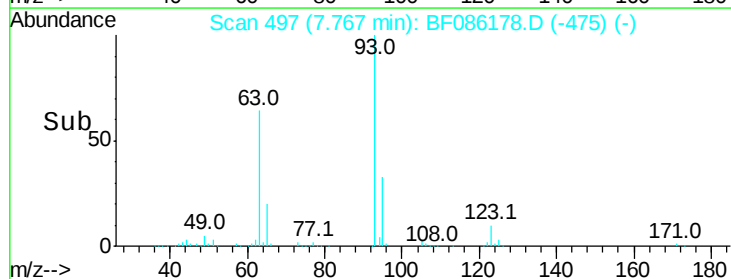
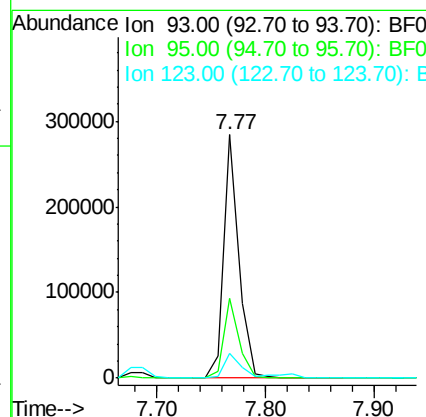
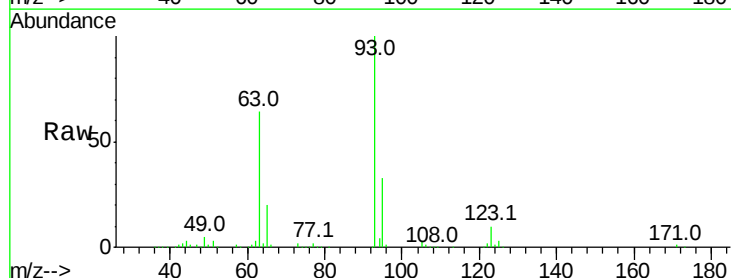
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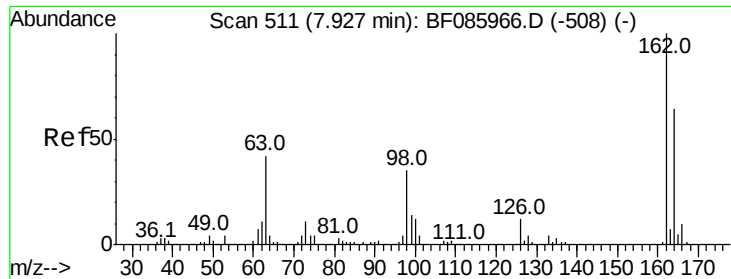
Sohil
 4/11/2016 5:45:58 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.76 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	278916		
95	32.6	26.4	39.6	
123	10.3	9.8	14.6	





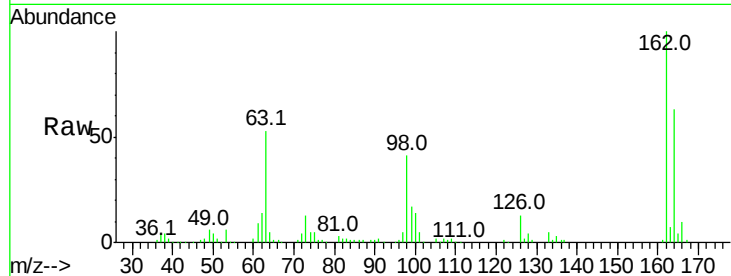
#29
 2,4-Dichlorophenol
 Concen: 37.33 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

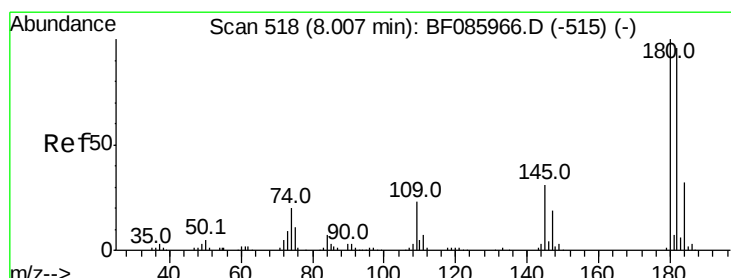
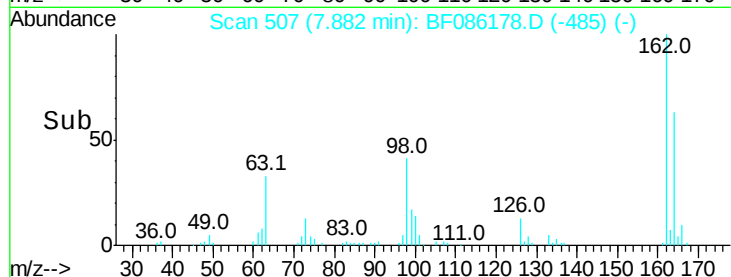
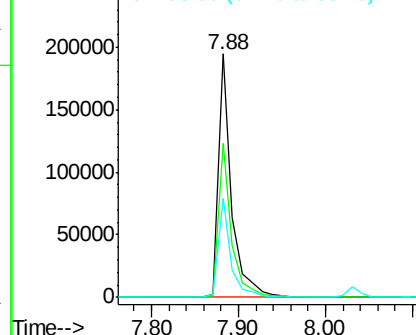
Tot Ion	Ratio	Resp	Lower	Upper
162	100	205573		
164	63.2	43.7	83.7	
98	40.6	20.4	60.4	

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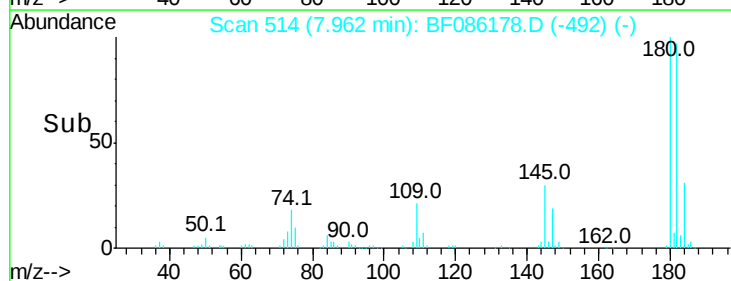
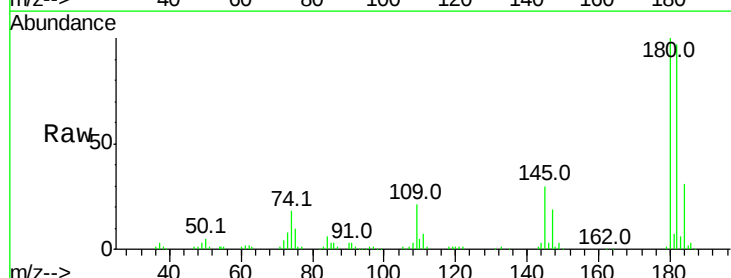
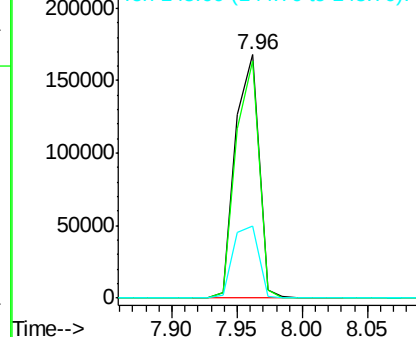
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

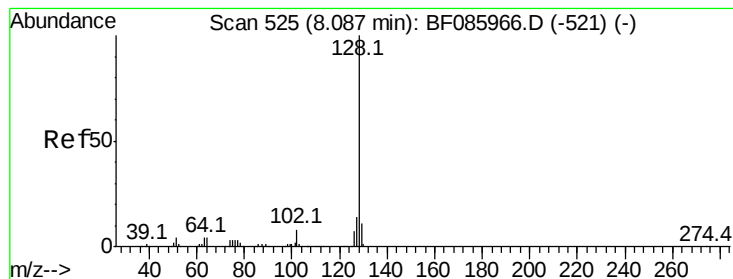


#30
 1,2,4-Trichlorobenzene
 Concen: 33.86 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209270		
182	97.3	73.8	110.8	
145	29.5	28.4	42.6	

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 32.86 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

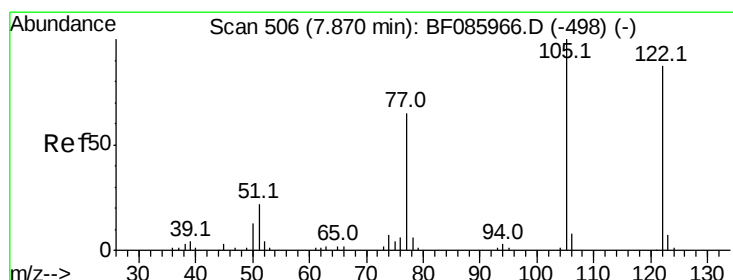
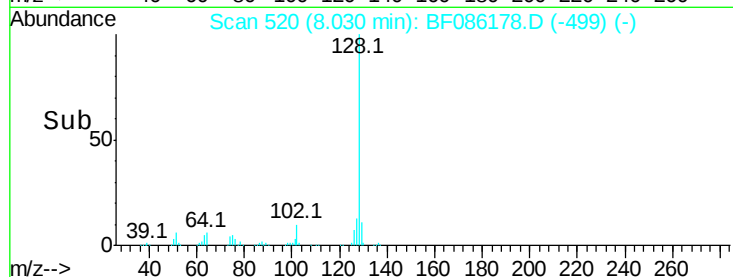
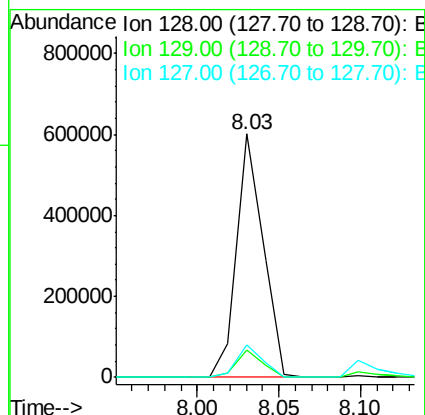
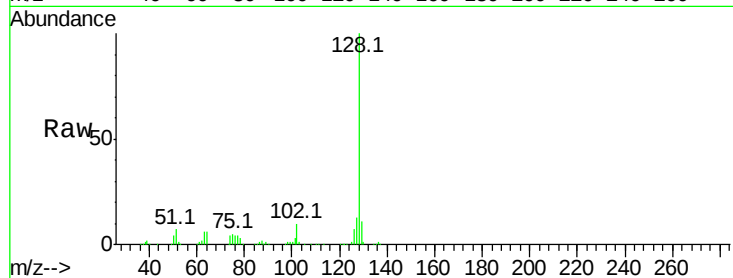
ClientSampleId :

PB89612BS

Tot Ion:	128	Resp:	675228
Ion Ratio	Lower	Upper	
128	100		
129	11.5	9.4	14.0
127	13.3	11.0	16.6

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#32

Benzoic acid

Concen: 27.11 ng

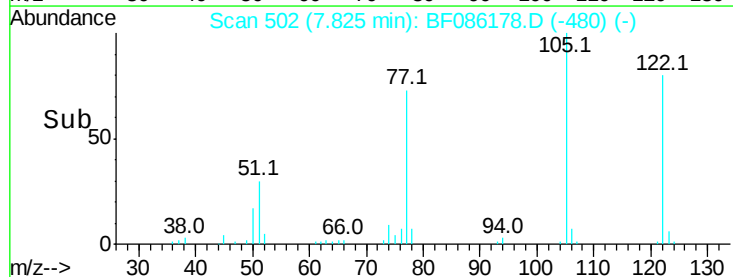
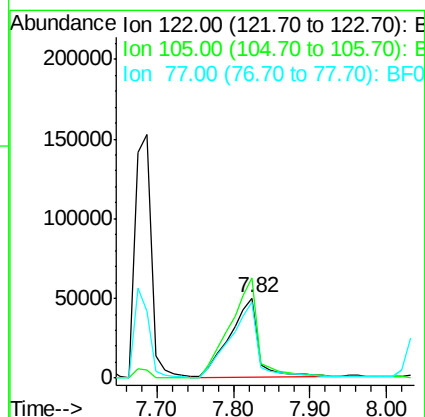
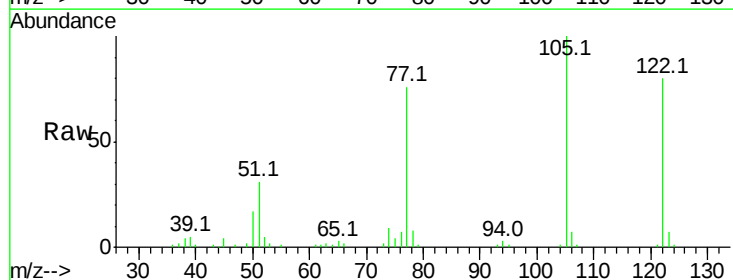
RT: 7.82 min Scan# 502

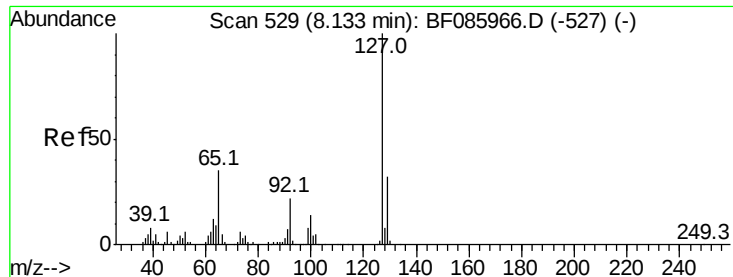
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	122	Resp:	129527
Ion Ratio	Lower	Upper	
122	100		
105	124.9	102.9	142.9
77	94.3	71.8	111.8





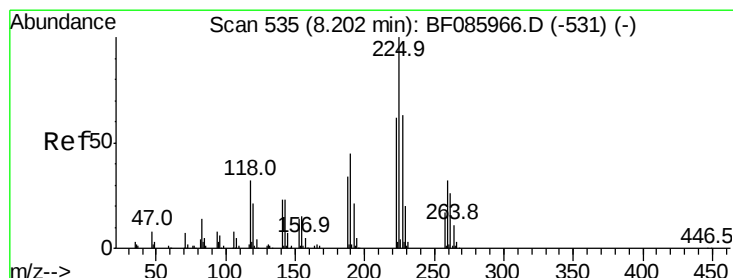
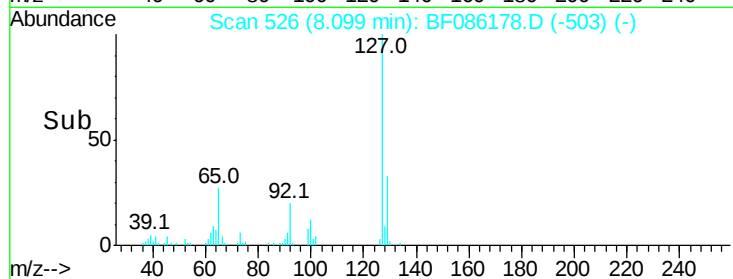
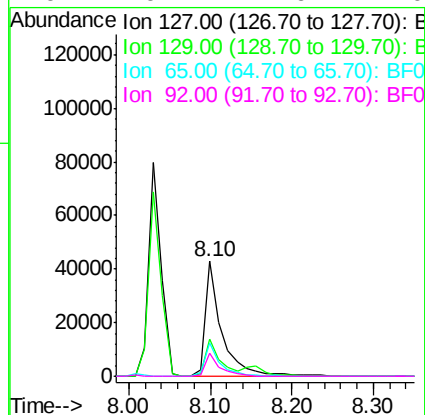
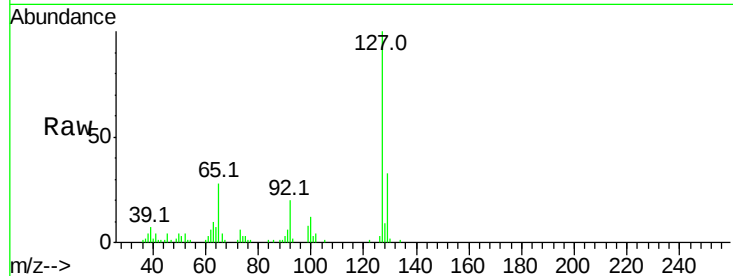
#33
4-Chloroaniline
Concen: 7.35 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		61046		
129	32.5	26.1	39.1		
65	28.5	19.5	29.3		
92	19.7	14.6	22.0		

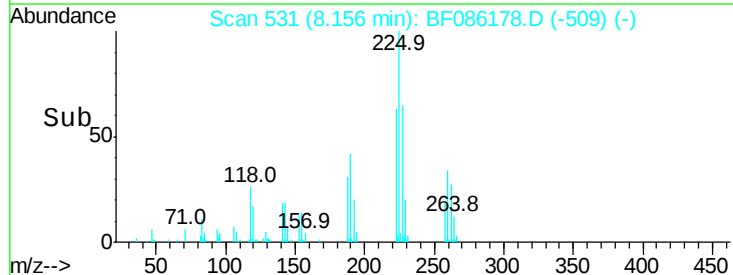
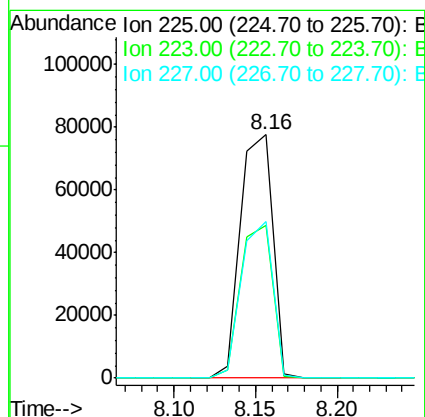
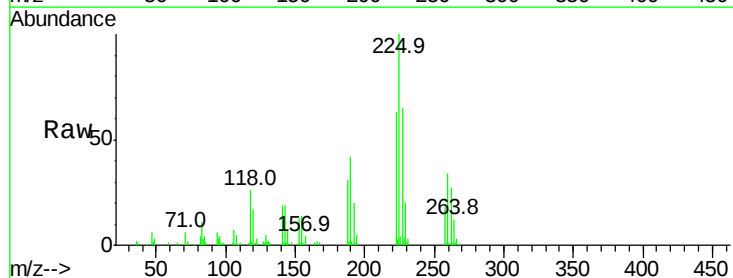
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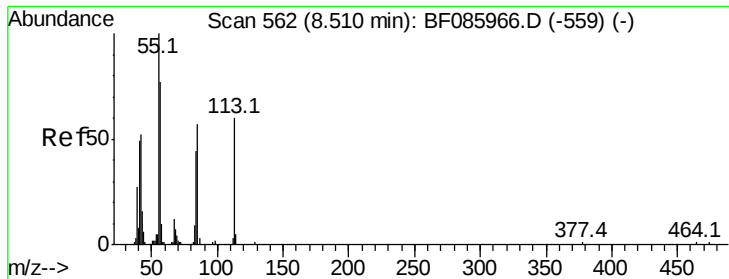
Sohil
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#34
Hexachlorobutadiene
Concen: 32.01 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		106369		
223	62.5	50.4	75.6		
227	64.5	51.4	77.2		





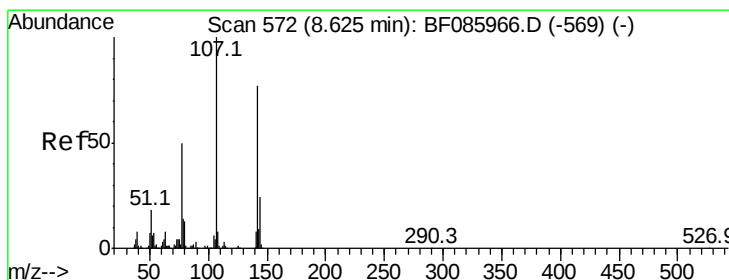
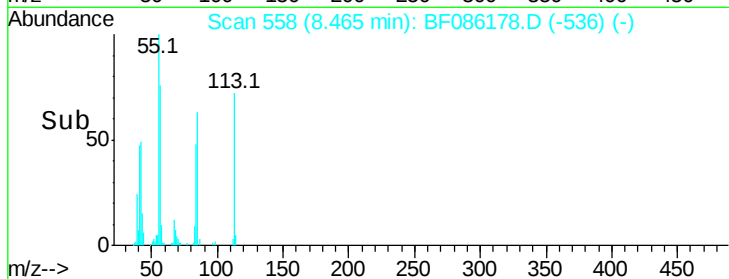
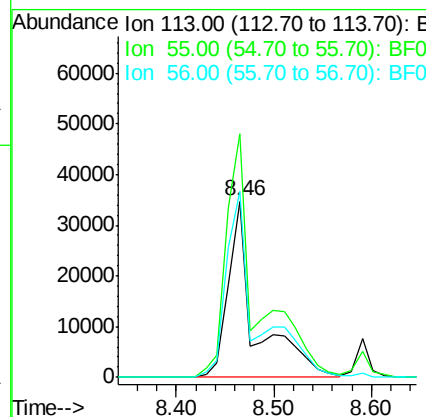
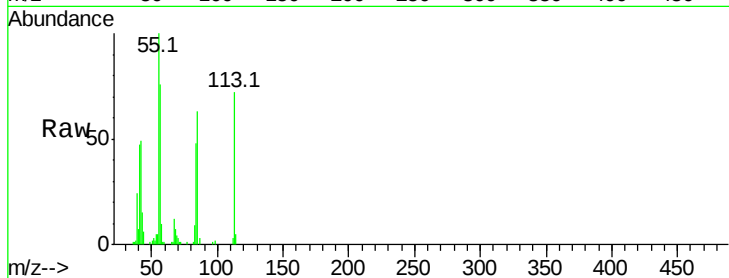
#35
 Caprolactam
 Concen: 39.00 ng/ml
 RT: 8.46 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	138.2	139.4	179.4#
56	105.5	100.4	140.4

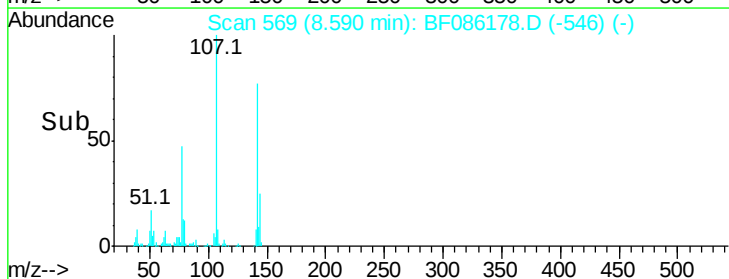
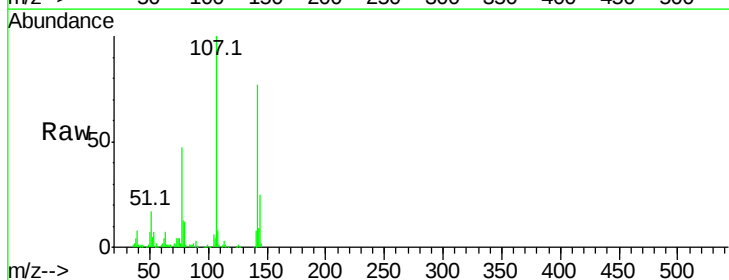
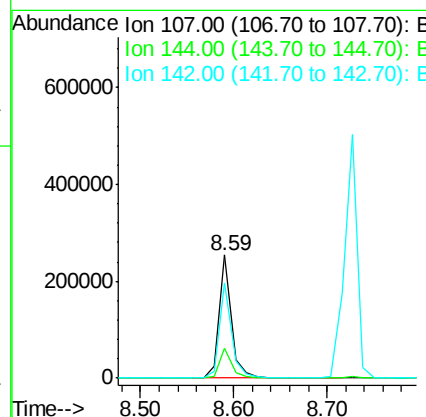
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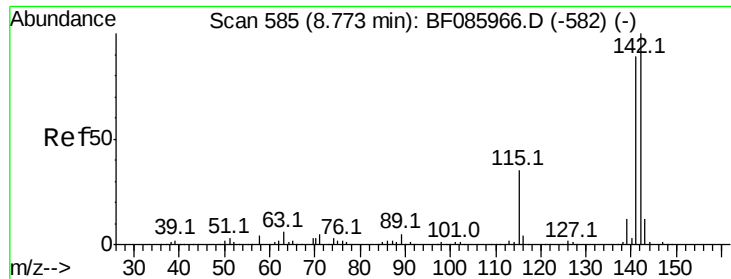
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#36
 4-Chloro-3-methylphenol
 Concen: 37.37 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	19.3	28.9
142	77.3	61.4	92.0





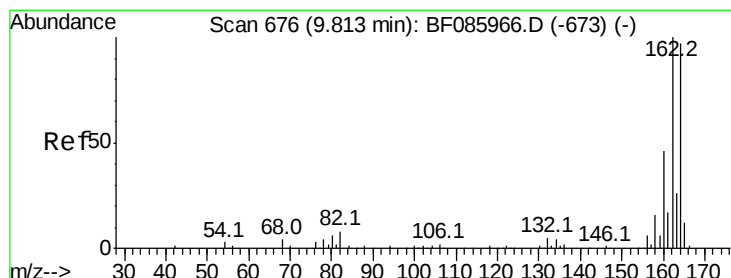
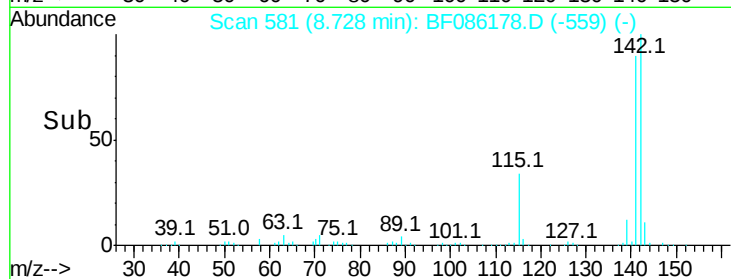
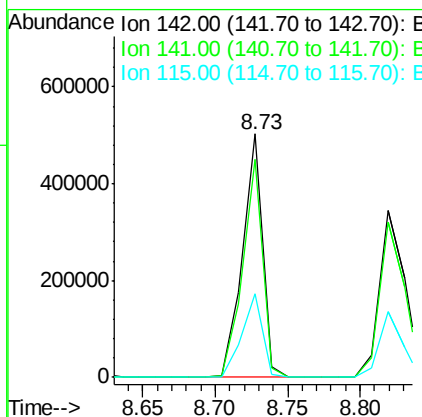
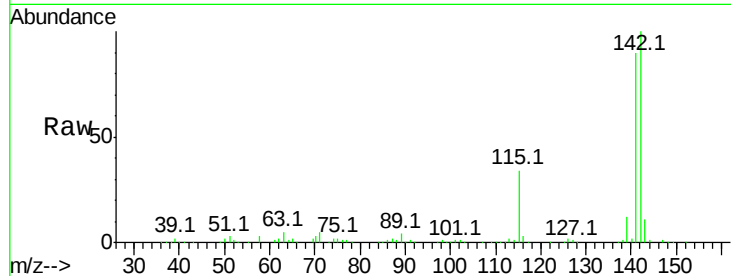
#37
 2-Methylnaphthalene
 Concen: 36.04 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.6	107.4
115	34.1	26.8	40.2

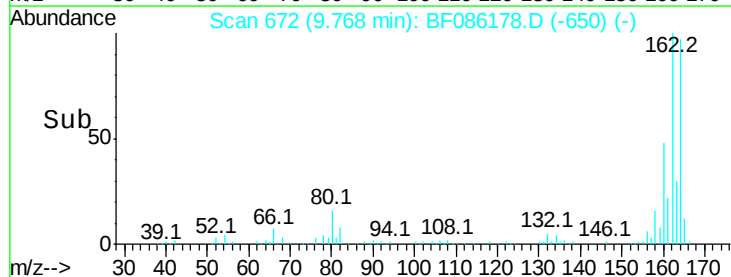
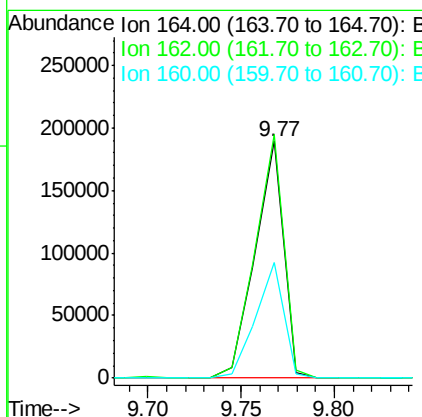
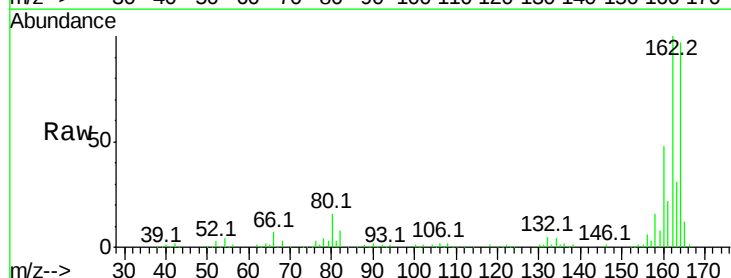
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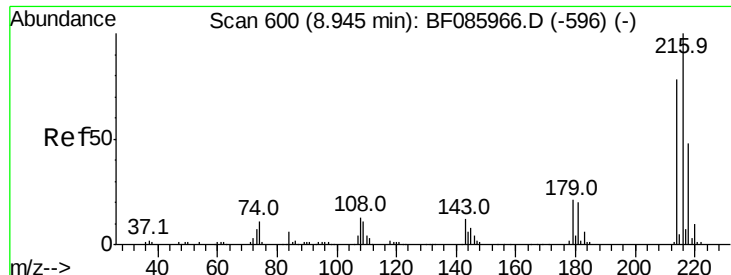
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.1	123.1
160	48.9	37.4	56.2





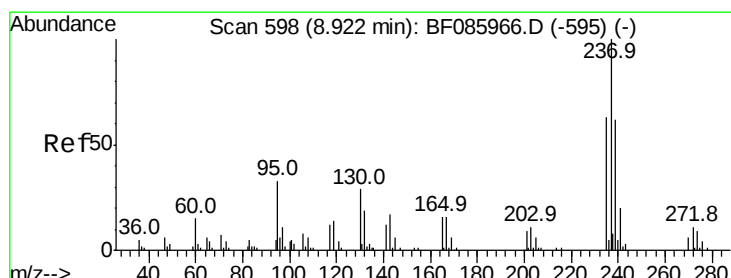
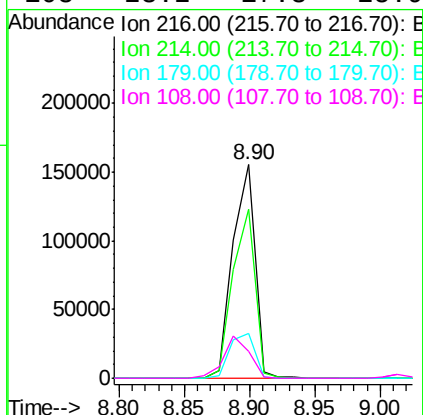
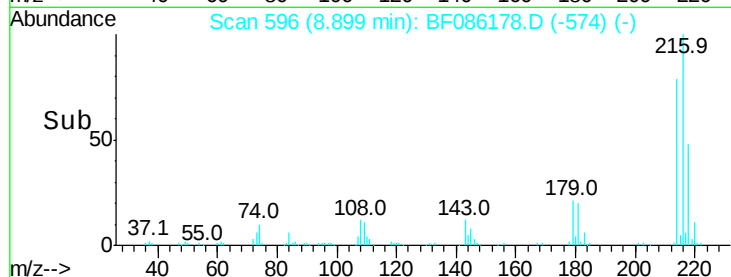
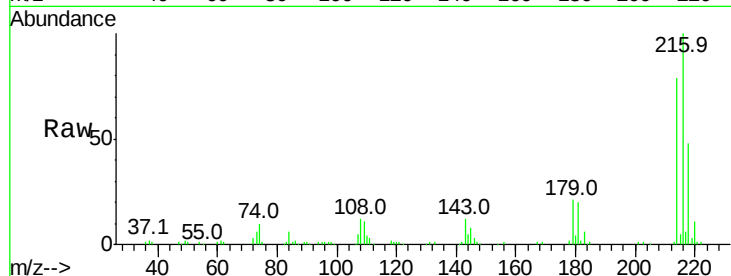
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 30.80 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.1	63.1	94.7	
179	23.4	18.2	27.2	
108	23.2	17.3	25.9	

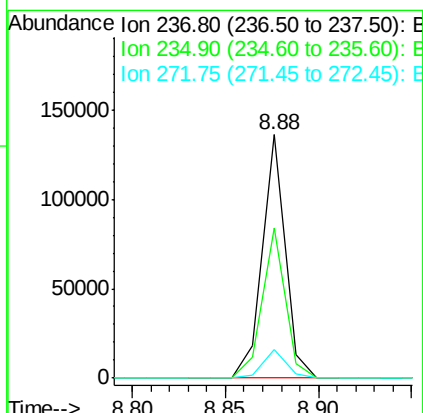
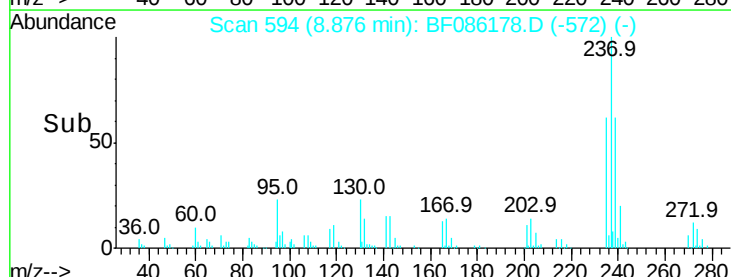
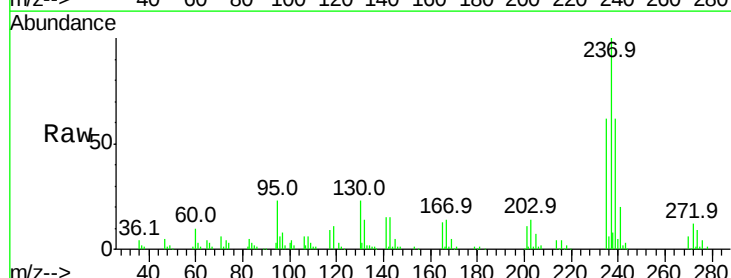
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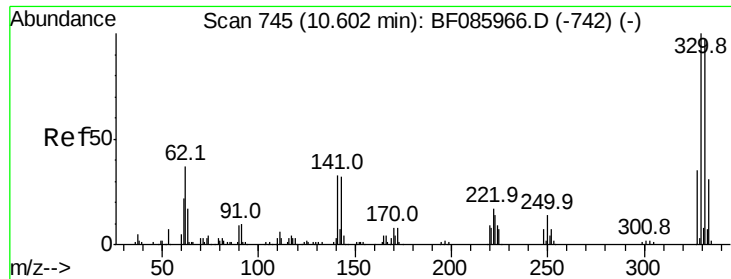
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#40
 Hexachlorocyclopentadiene
 Concen: 59.68 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.04 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.9	43.7	83.7	
272	12.0	0.0	31.9	





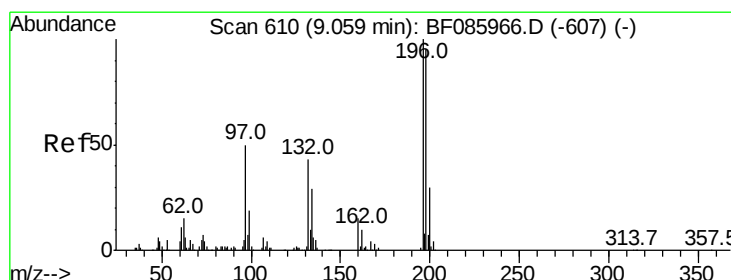
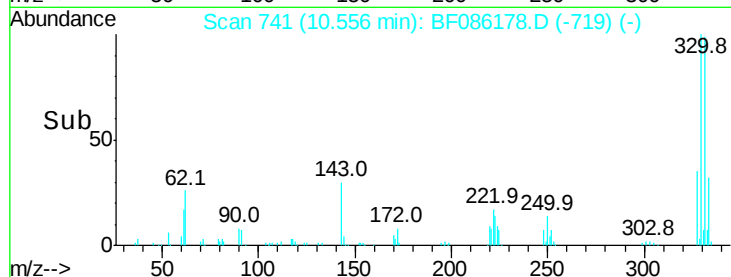
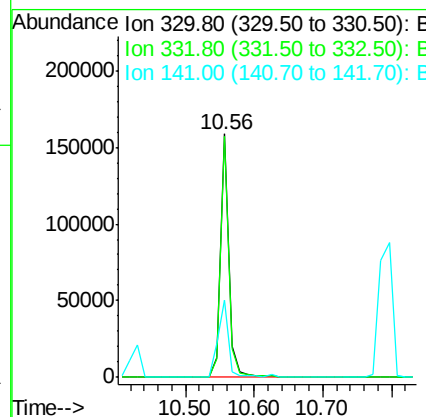
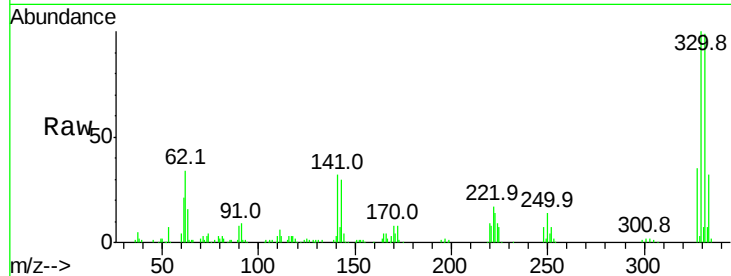
#41
 2,4,6-Tribromophenol
 Concen: 74.84 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	139804		
332	97.5	78.2	117.2	
141	39.3	31.5	47.3	

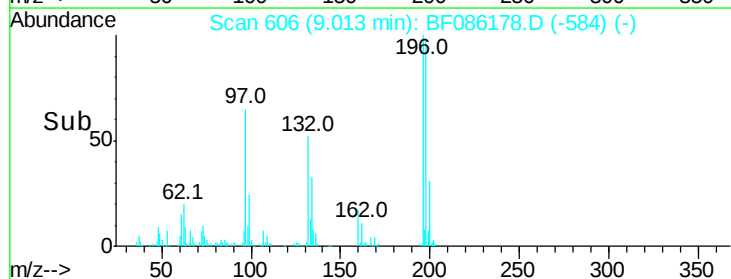
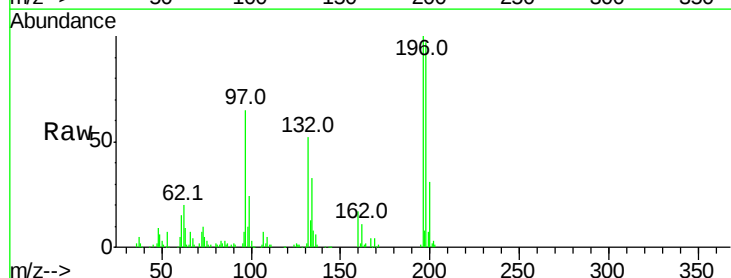
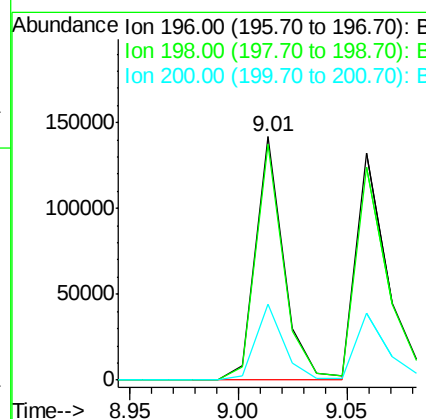
Manual Integrations
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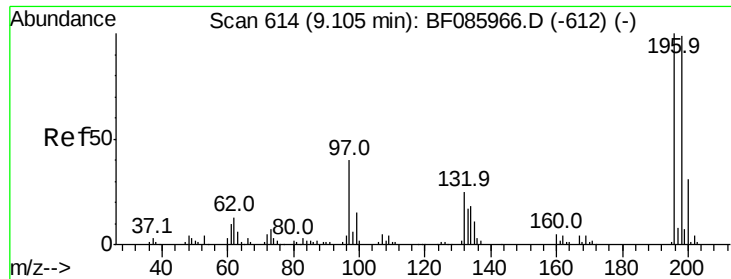
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#42
 2,4,6-Trichlorophenol
 Concen: 33.43 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	128401		
198	96.8	75.3	112.9	
200	31.0	23.7	35.5	





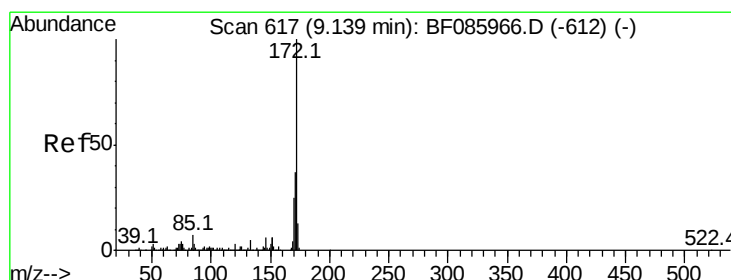
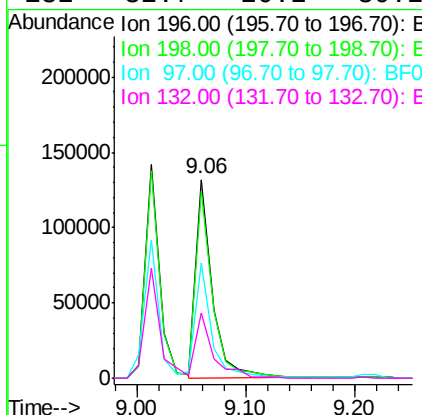
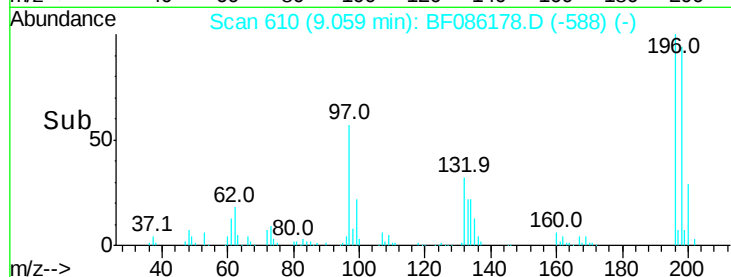
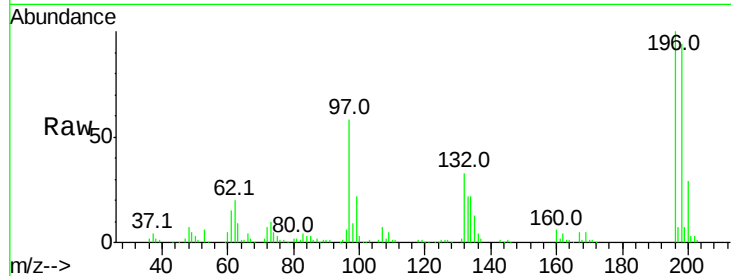
#43
 2,4,5-Trichlorophenol
 Concen: 35.58 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138765		
198	93.7	76.6	114.8	
97	57.8	30.5	45.7#	
132	32.7	20.2	30.2#	

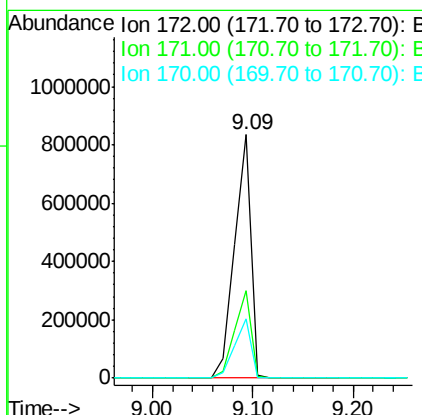
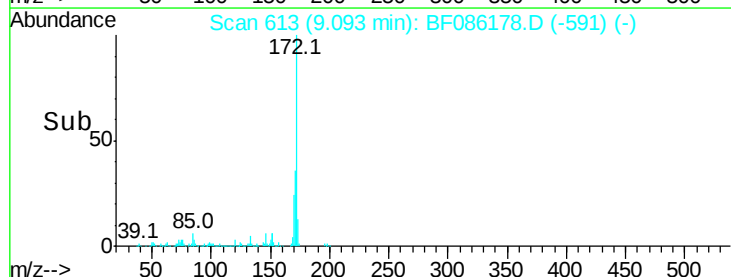
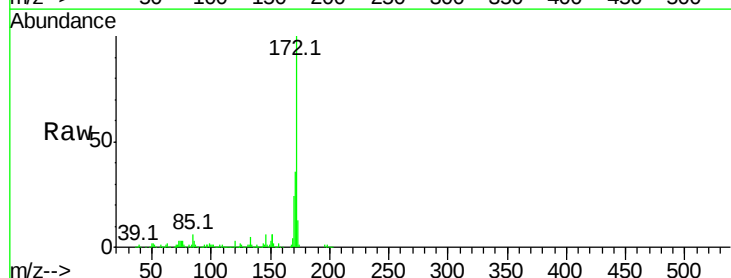
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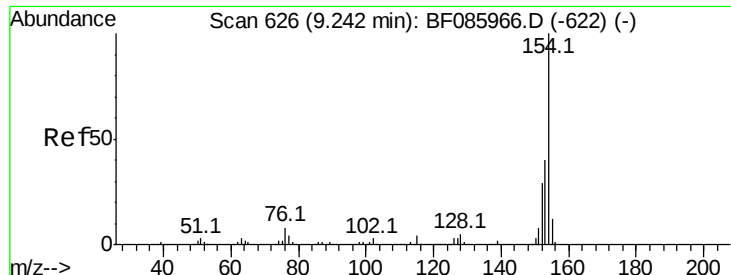
Sohil
 4/11/2016 5:45:58 PM



#44
 2-Fluorobiphenyl
 Concen: 79.00 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	945714		
171	35.8	29.4	44.2	
170	24.4	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 31.10 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

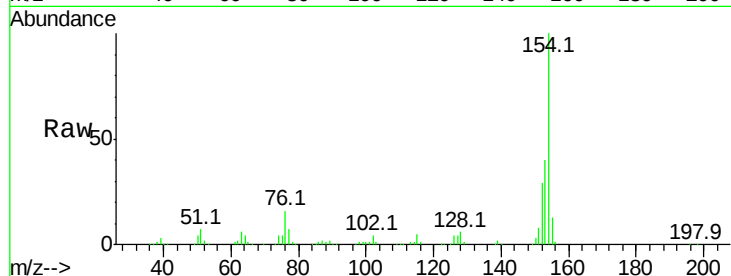
ClientSampled :

PB89612BS

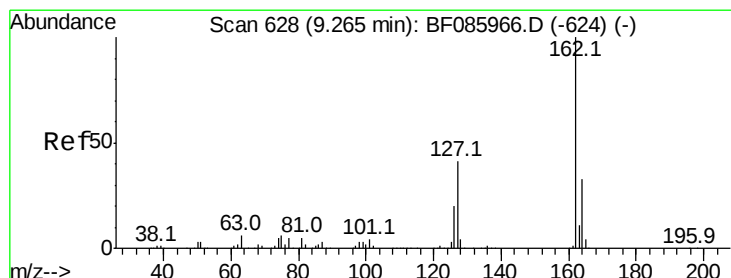
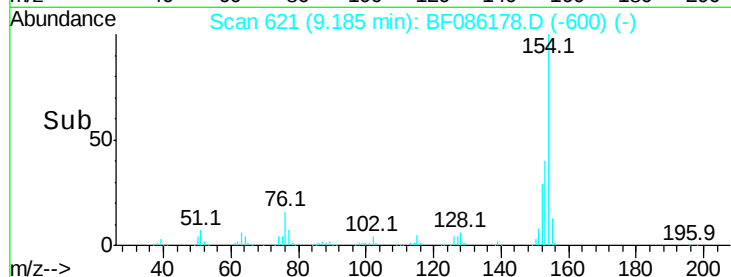
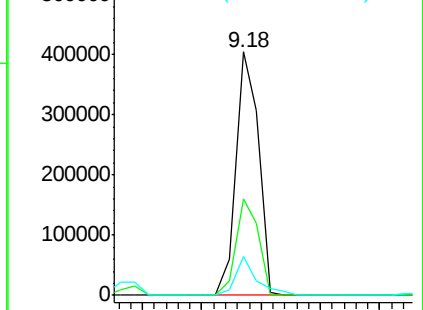
Tot Ion:	154	Resp:	533763
Ion Ratio	Lower	Upper	
154	100		
153	39.8	20.8	60.8
76	16.1	0.0	36.7

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 33.62 ng

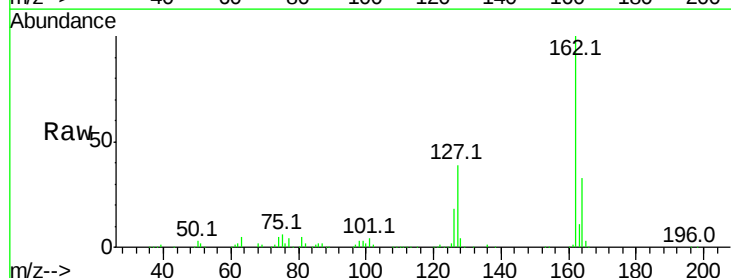
RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

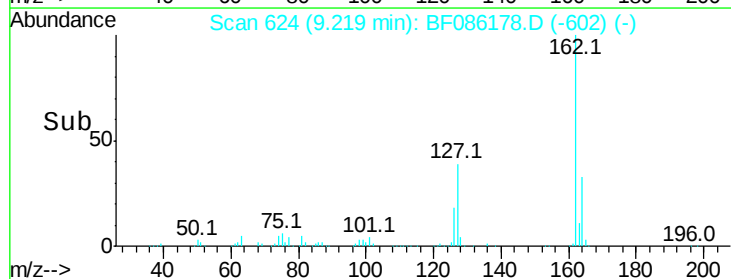
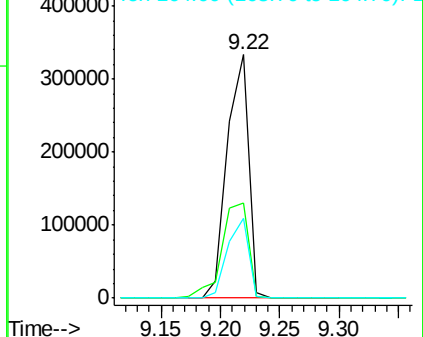
Lab File: BF086178.D

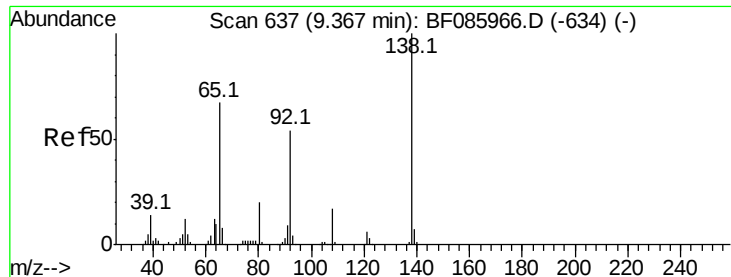
Acq: 8 Apr 2016 19:56

Tgt Ion:	162	Resp:	418203
Ion Ratio	Lower	Upper	
162	100		
127	39.3	31.7	47.5
164	33.0	27.3	40.9



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





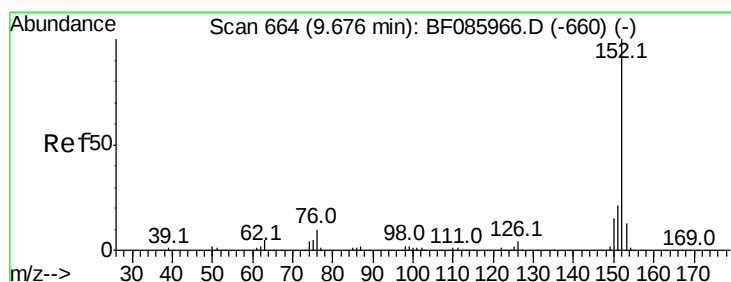
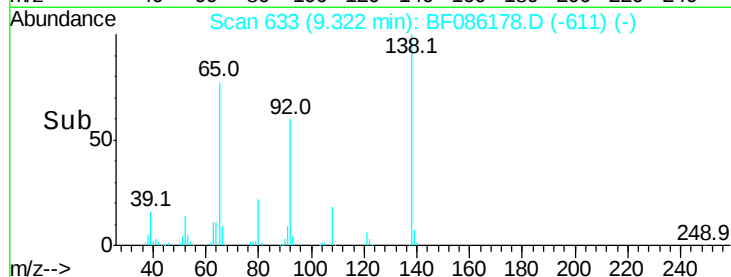
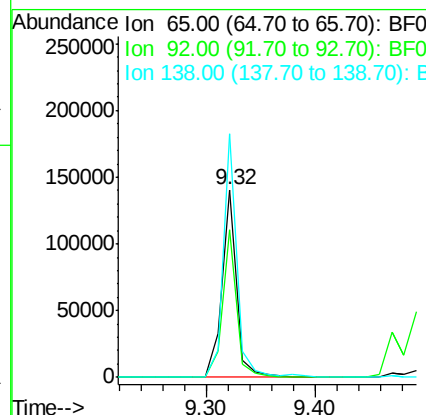
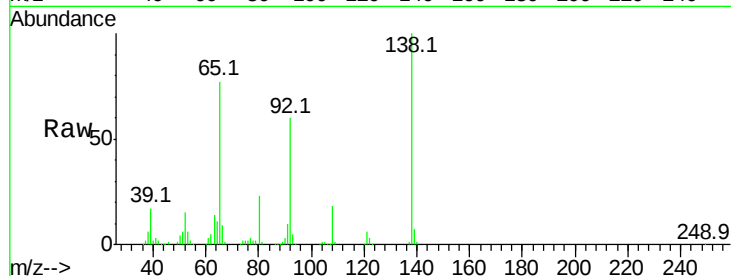
#47
2-Nitroaniline
Concen: 36.82 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	78.5	59.7	89.5
138	129.8	91.4	137.0

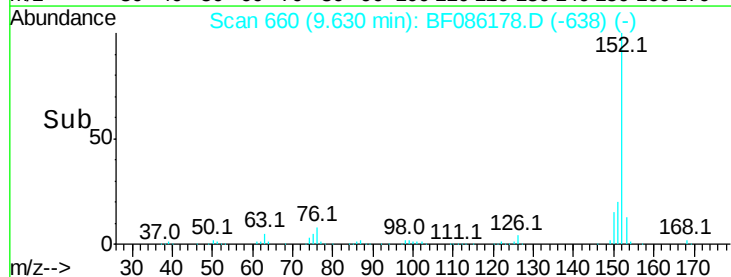
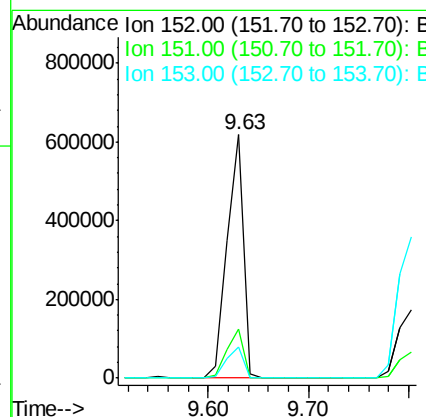
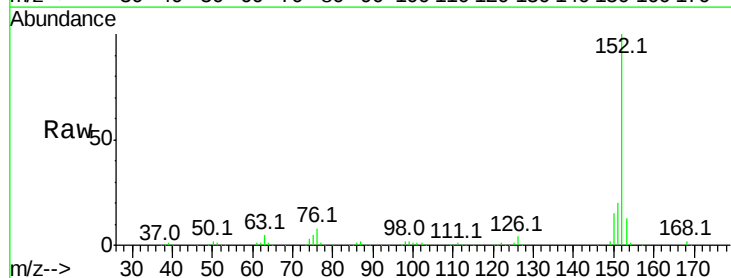
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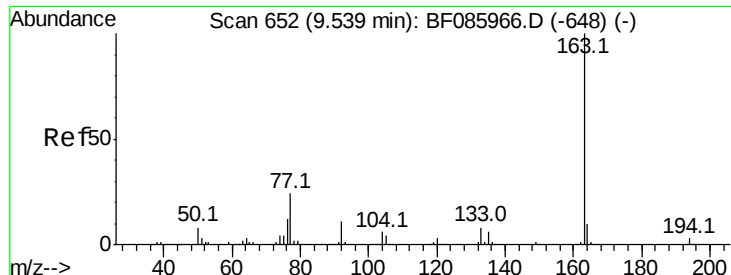
Sohil
4/11/2016 5:45:58 PM



#48
Acenaphthylene
Concen: 34.92 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.8	25.2
153	12.9	10.9	16.3





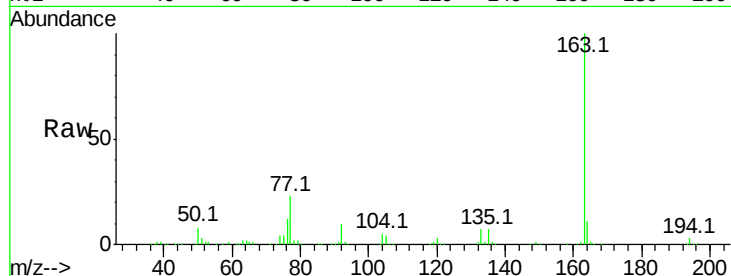
#49
Dimethylphthalate
Concen: 32.55 ng
RT: 9.49 min Scan# 648
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

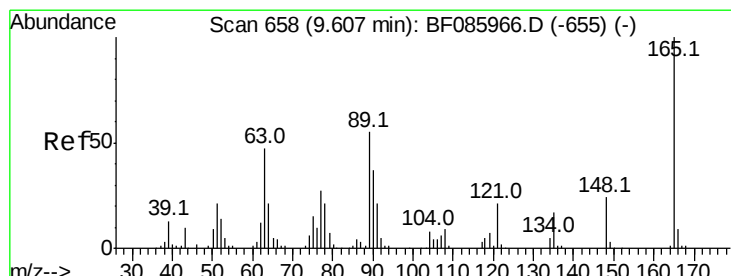
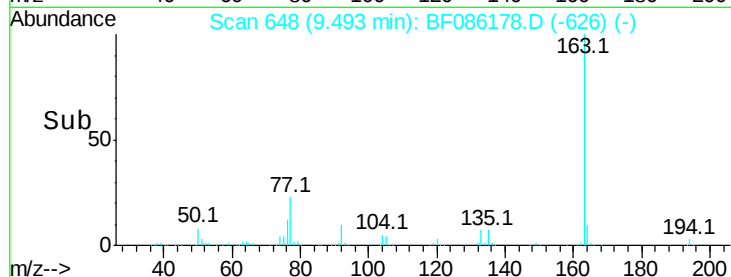
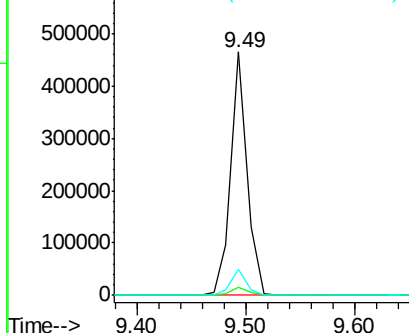
Tot Ion	Ratio	Resp	Lower	Upper
163	100	480134		
194	3.2		2.9	4.3
164	10.5		8.3	12.5

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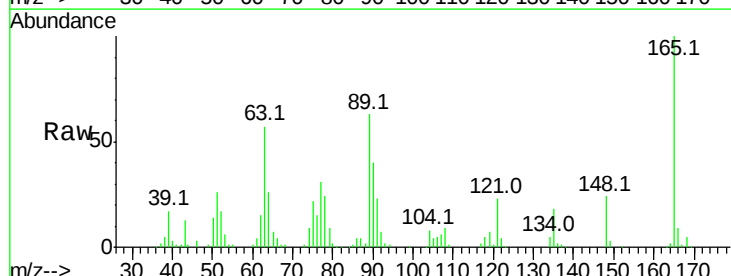


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

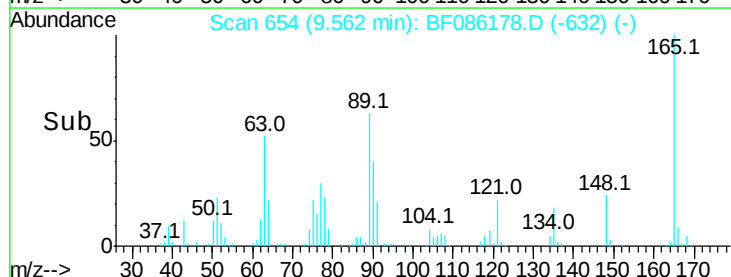
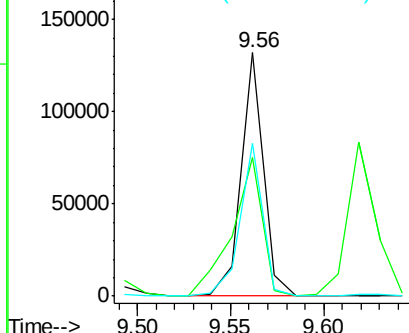


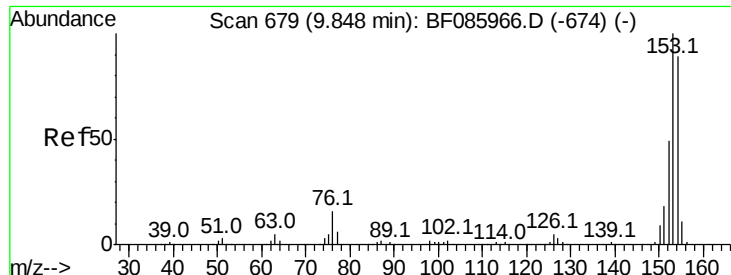
#50
2,6-Dinitrotoluene
Concen: 35.46 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	110660		
63	57.0		51.8	77.8
89	62.7		53.7	80.5



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 33.91 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

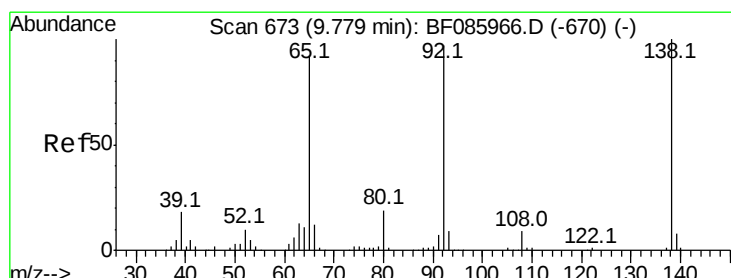
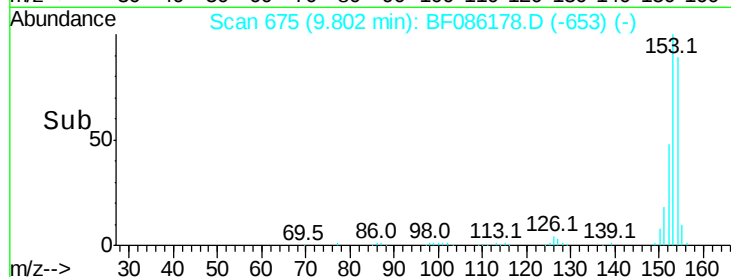
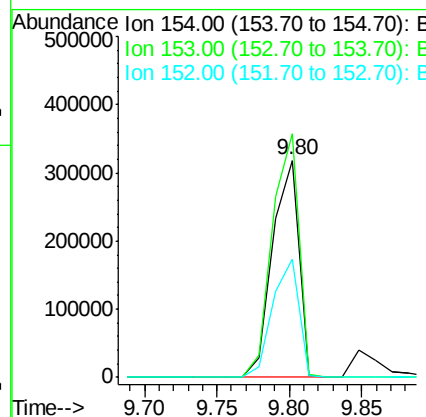
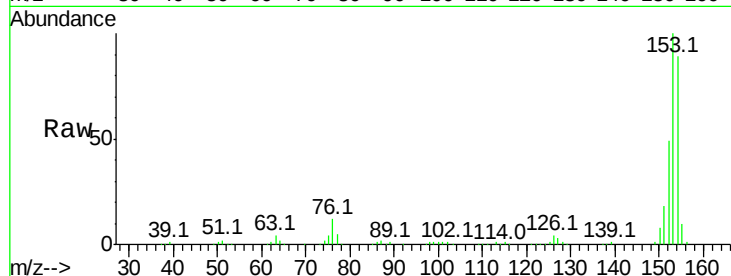
ClientSampleId :

PB89612BS

Tot Ion:	154	Resp:	401916
Ion Ratio	Lower	Upper	
154	100		
153	112.1	90.1	135.1
152	54.5	44.2	66.2

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#52

3-Nitroaniline

Concen: 14.42 ng

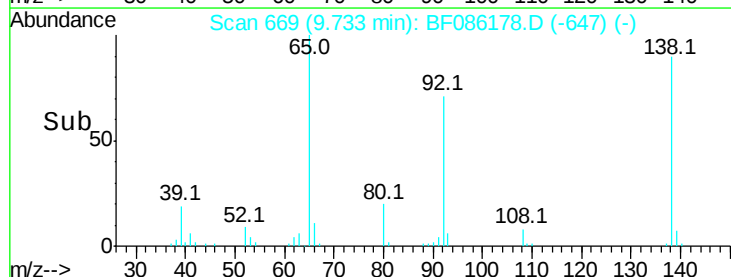
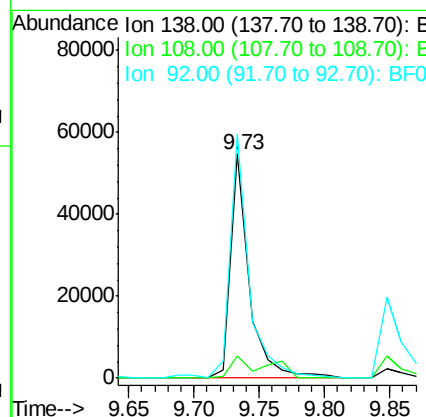
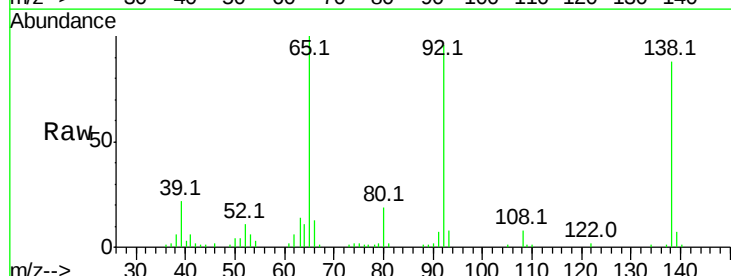
RT: 9.73 min Scan# 669

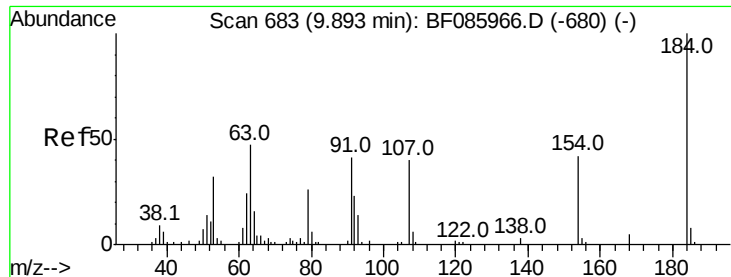
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	138	Resp:	54227
Ion Ratio	Lower	Upper	
138	100		
108	9.6	8.7	13.1
92	108.8	93.3	139.9





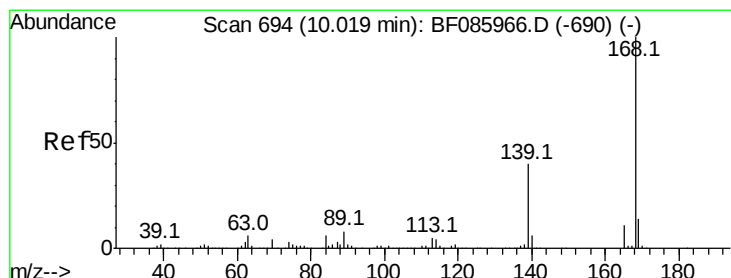
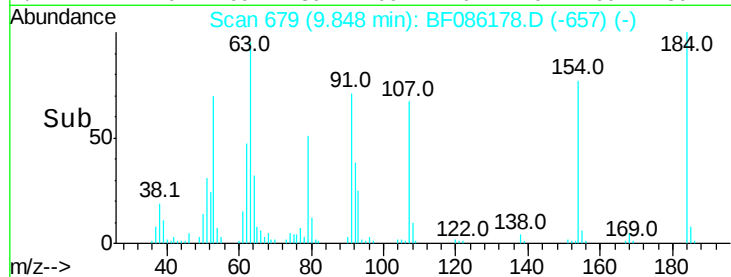
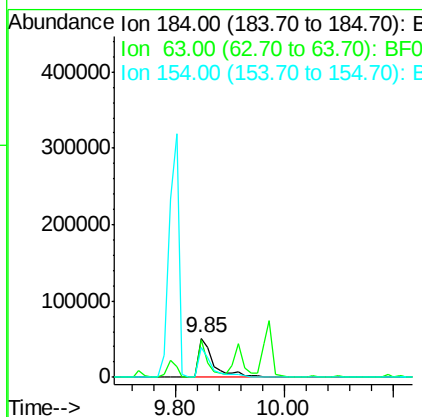
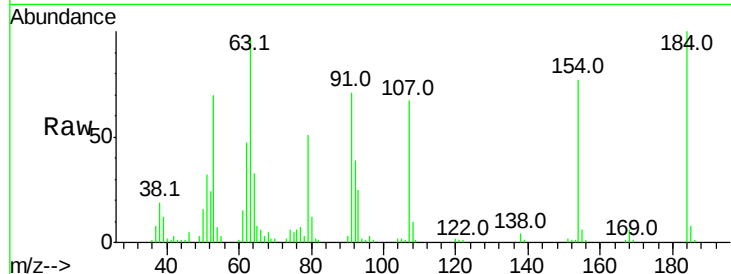
#53
 2,4-Dinitrophenol
 Concen: 55.71 ng
 RT: 9.85 min Scan# 679
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	100047		
63	97.2	69.5	104.3	
154	76.8	58.3	87.5	

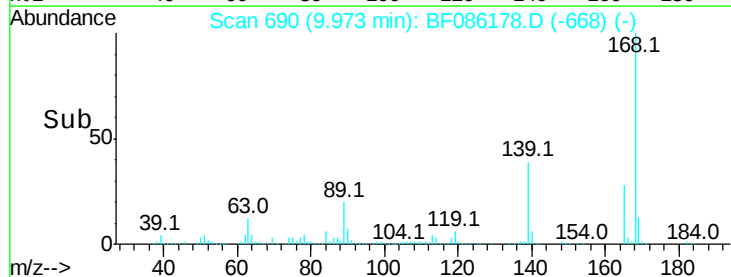
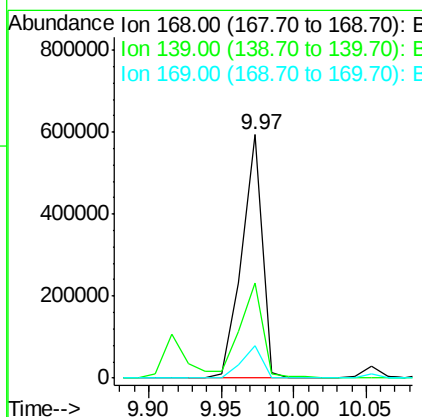
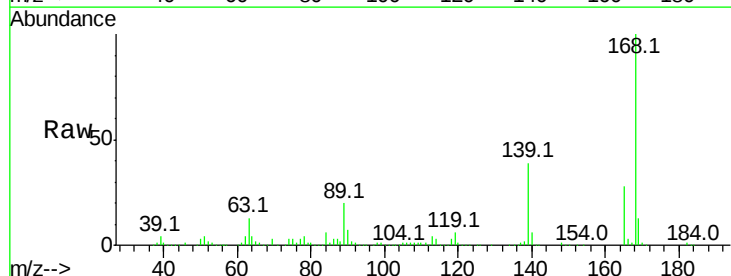
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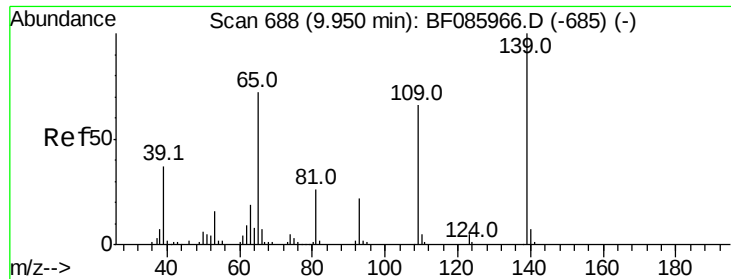
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#54
 Dibenzofuran
 Concen: 37.41 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	585540		
139	39.1	31.9	47.9	
169	13.4	11.0	16.6	





#55

4-Nitrophenol

Concen: 58.06 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

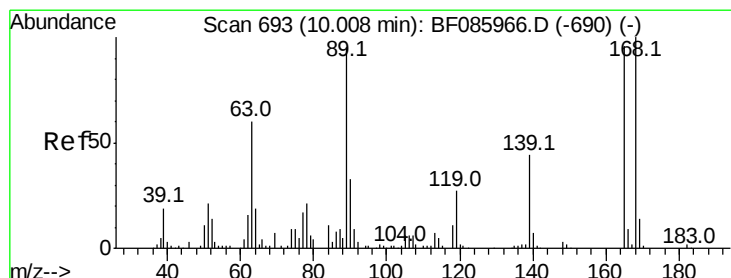
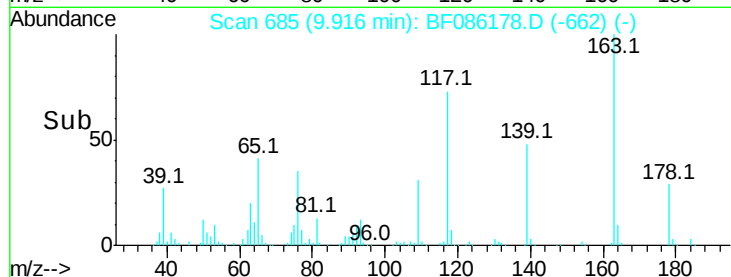
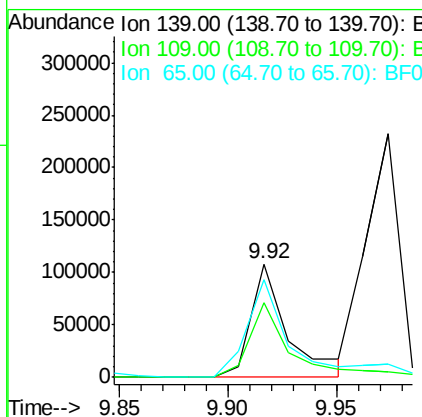
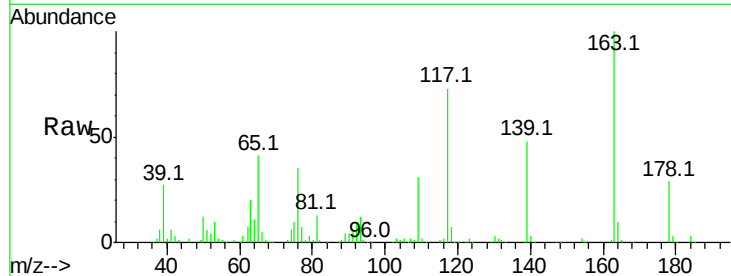
ClientSampleId :

PB89612BS

Tot Ion:	139	Resp:	128751
Ion Ratio	Lower	Upper	
139	100		
109	65.5	49.2	89.2
65	86.3	66.9	106.9

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#56

2,4-Dinitrotoluene

Concen: 36.84 ng

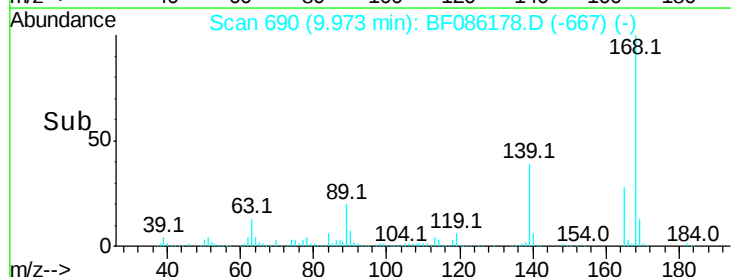
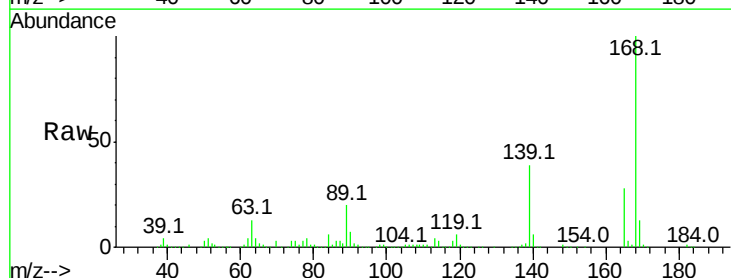
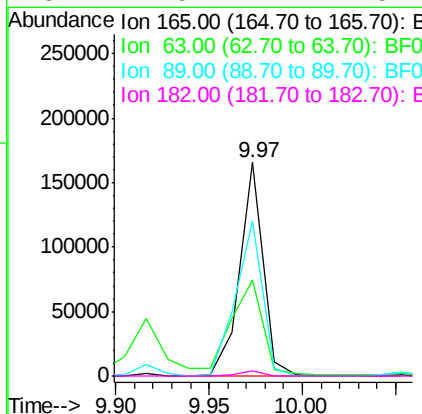
RT: 9.97 min Scan# 690

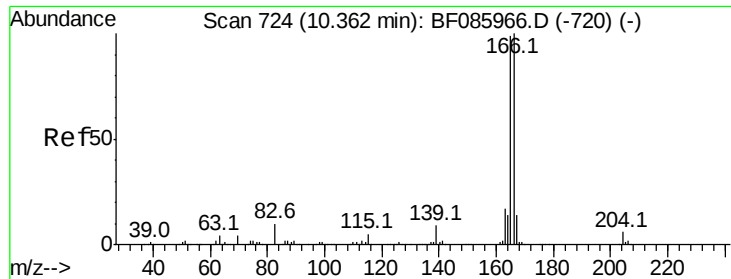
Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	165	Resp:	145313
Ion Ratio	Lower	Upper	
165	100		
63	45.1	24.9	37.3#
89	72.4	41.0	61.6#
182	2.5	2.1	3.1





#57

Fluorene

Concen: 34.51 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

ClientSampleId :

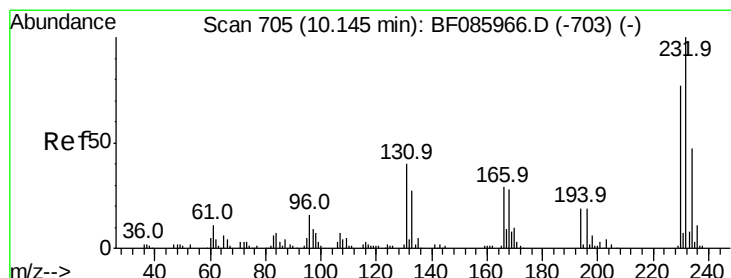
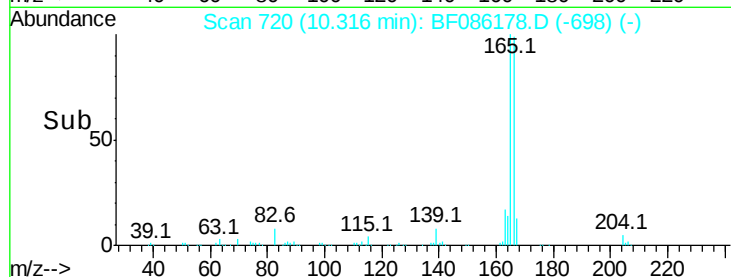
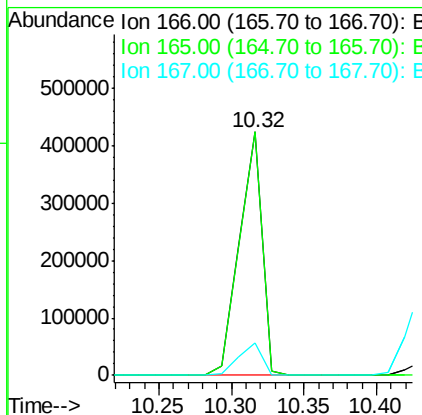
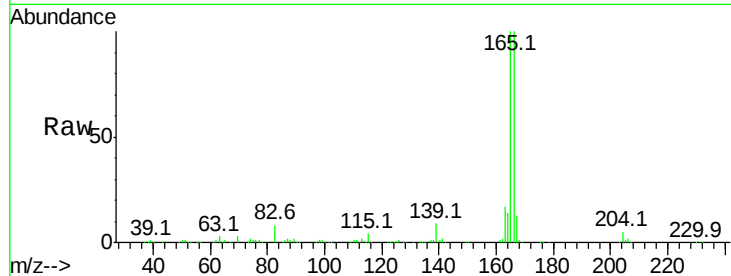
PB89612BS

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Tot Ion:	166	Resp:	461418
Ion Ratio	Lower	Upper	
166	100		
165	100.2	79.4	119.0
167	13.4	11.0	16.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.09 ng

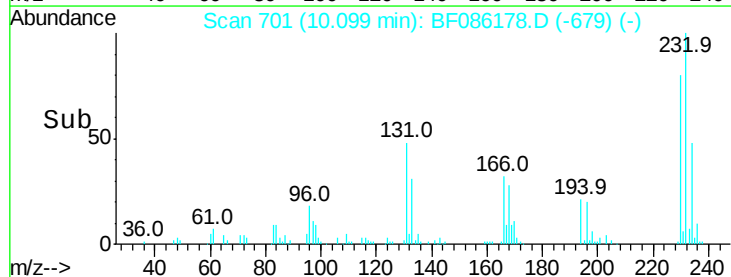
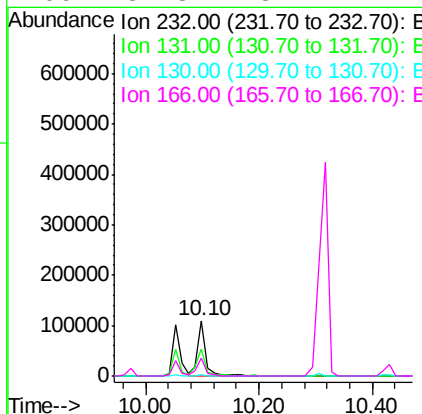
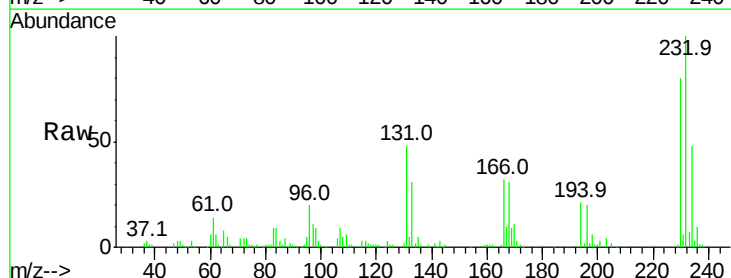
RT: 10.10 min Scan# 701

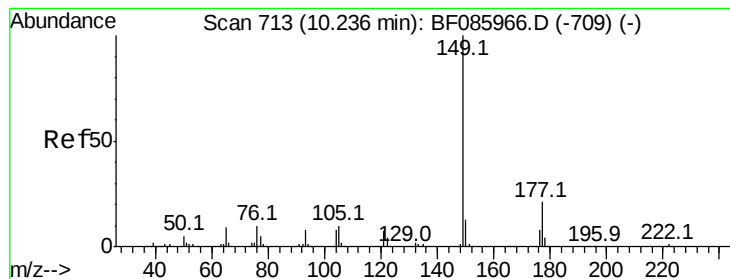
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	232	Resp:	110623
Ion Ratio	Lower	Upper	
232	100		
131	53.4	44.9	67.3
130	2.6	2.3	3.5
166	31.3	28.1	42.1





#59

Diethylphthalate

Concen: 32.29 ng

RT: 10.19 min Scan# 709

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

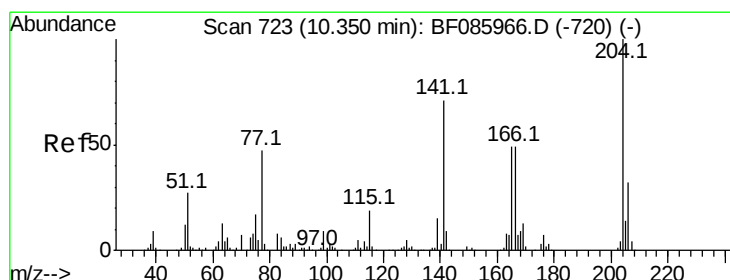
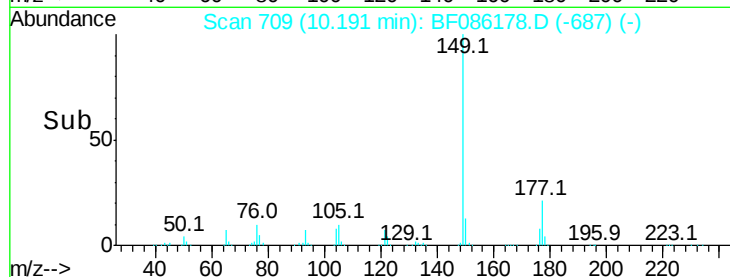
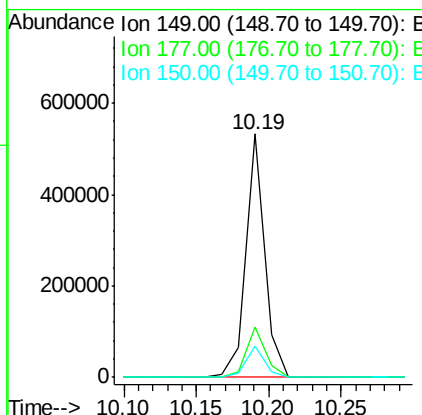
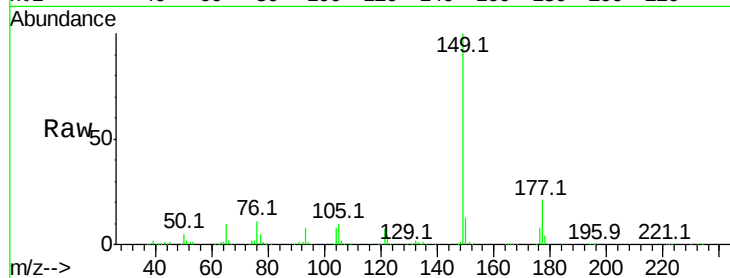
ClientSampleId :

PB89612BS

Tot Ion:	149	Resp:	480793
Ion Ratio		Lower	Upper
149	100		
177	20.8	17.9	26.9
150	12.8	10.2	15.2

Manual Integrations
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#60

4-Chlorophenyl-phenylether

Concen: 36.01 ng

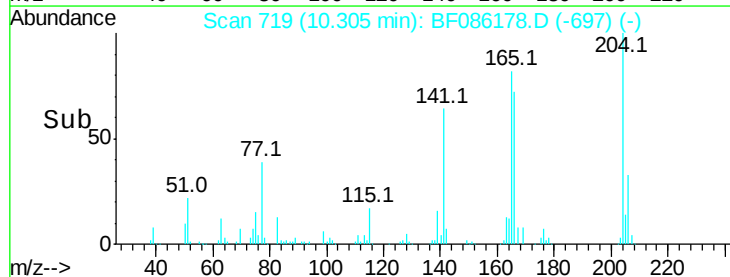
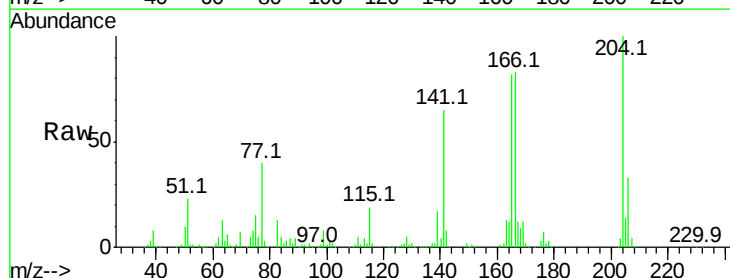
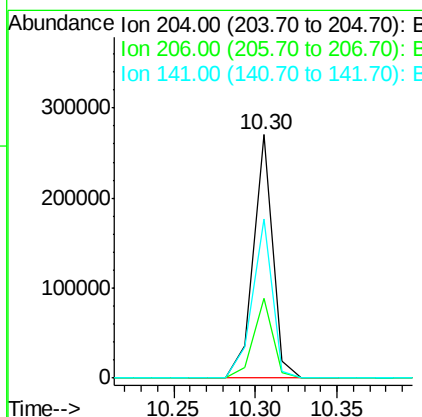
RT: 10.30 min Scan# 719

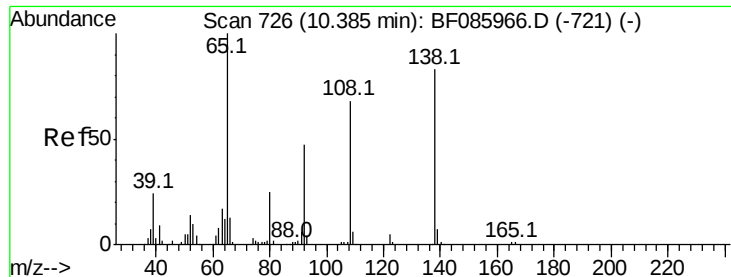
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	204	Resp:	224262
Ion Ratio		Lower	Upper
204	100		
206	32.6	26.6	39.8
141	65.2	57.4	86.0





#61

4-Nitroaniline

Concen: 33.96 ng

RT: 10.35 min Scan# 723

Delta R.T. -0.03 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

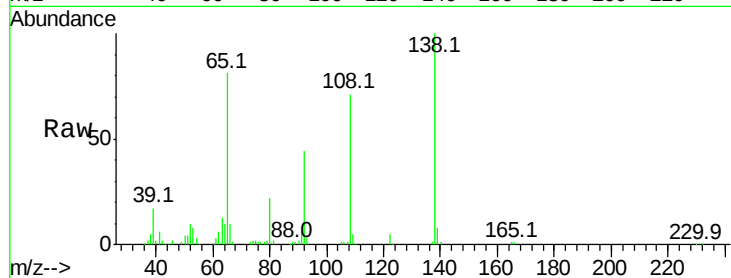
ClientSampleId :

PB89612BS

Tot Ion:	138	Resp:	125818
Ion Ratio	Lower	Upper	
138	100		
92	44.0	26.4	66.4
108	70.9	49.0	89.0

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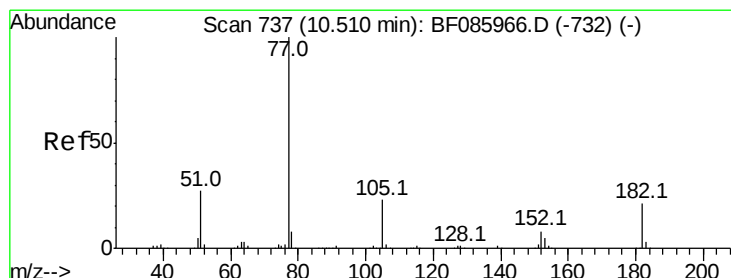
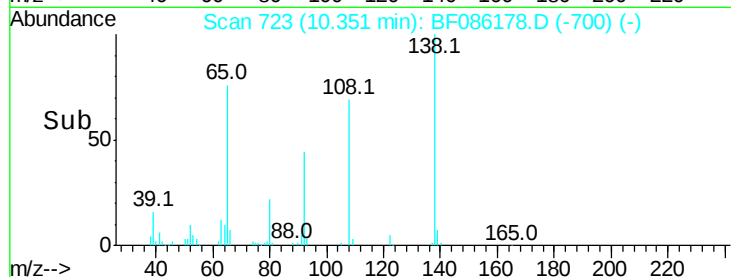
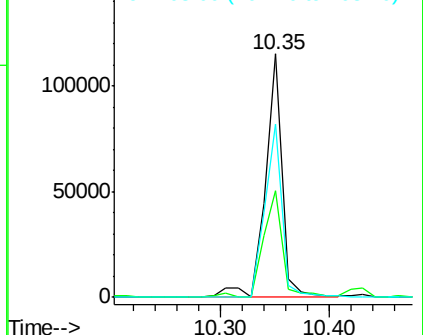
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 39.52 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

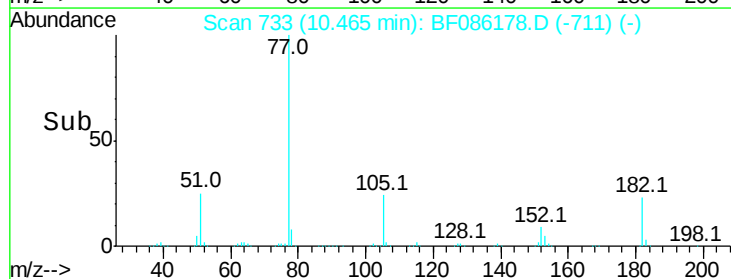
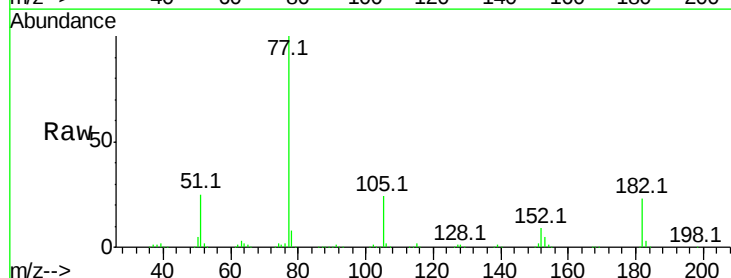
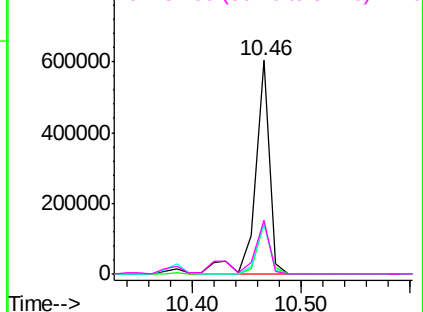
Tgt Ion:	77	Resp:	563625
Ion Ratio	Lower	Upper	
77	100		
182	23.2	1.9	41.9
105	23.9	3.5	43.5
51	25.2	6.3	46.3

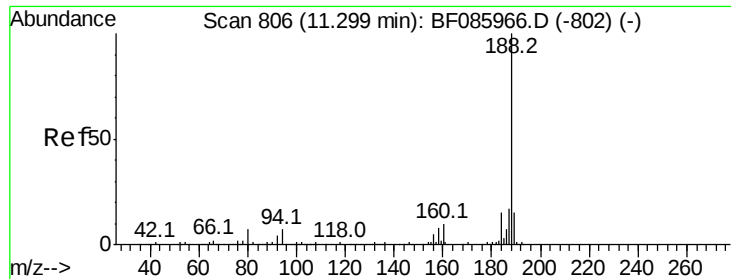
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





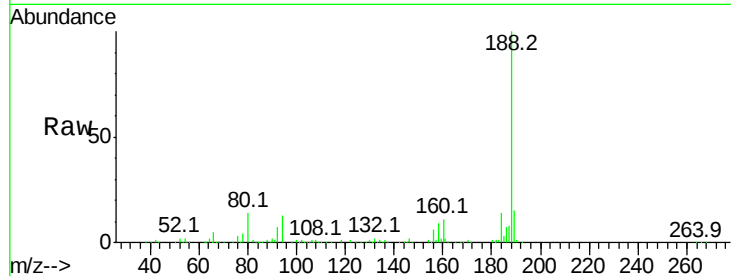
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.24 min Scan# 801
Delta R.T. -0.06 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.4	5.4	8.0#
80	14.1	5.5	8.3#

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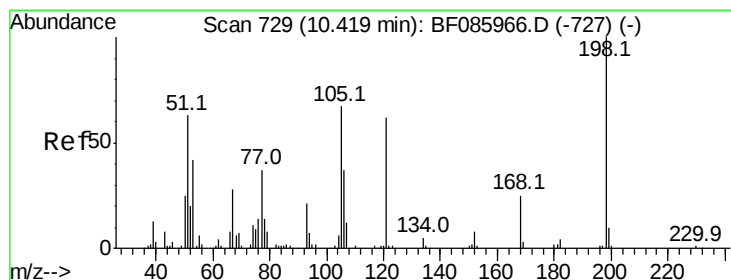
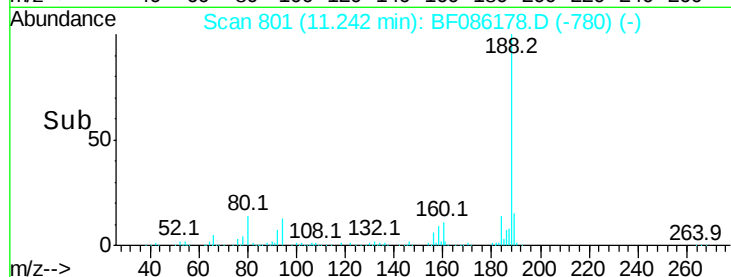
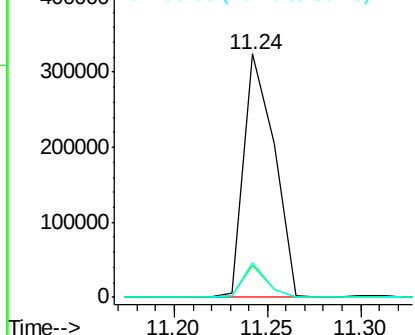
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Abundance Ion 188.00 (187.70 to 188.70): E

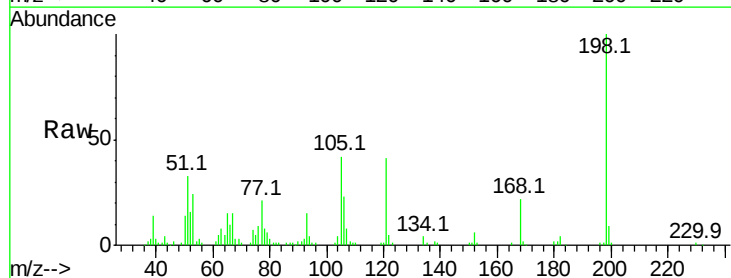
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
4,6-Dinitro-2-methylphenol
Concen: 31.00 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

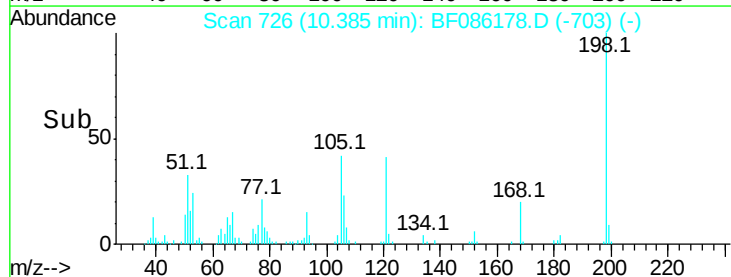
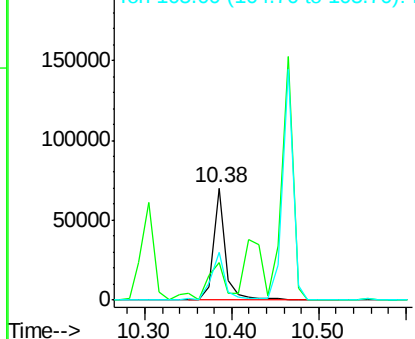
Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.2	45.4	85.4#
105	42.3	45.9	85.9#

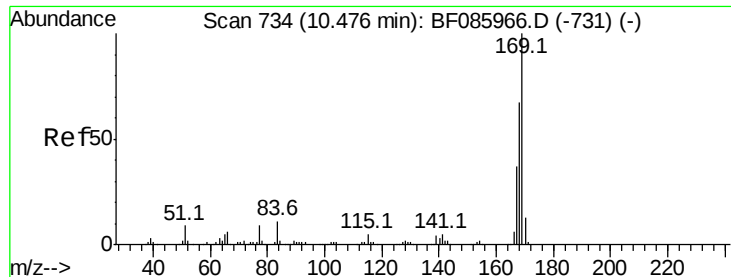


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 36.71 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

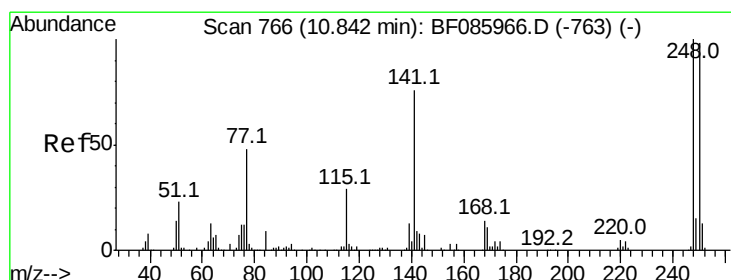
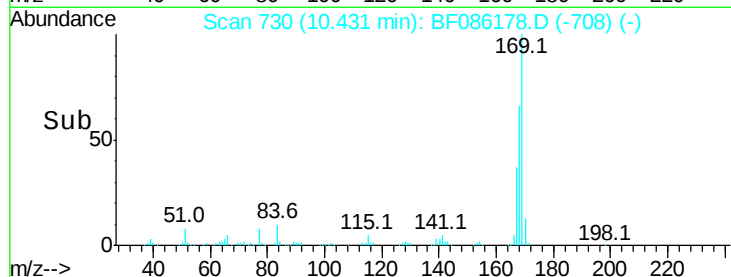
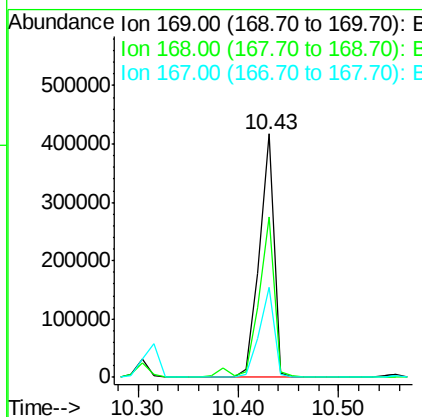
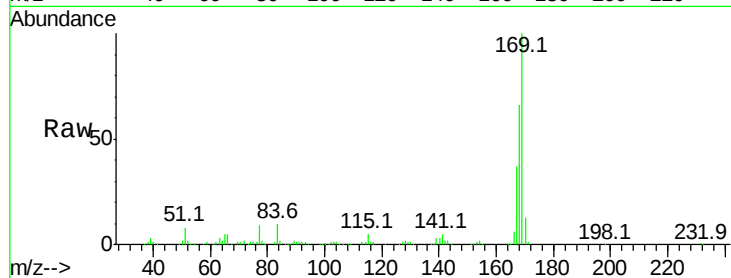
ClientSampleId :

PB89612BS

Tot Ion:	169	Resp:	425787
Ion Ratio	Lower	Upper	
169	100		
168	66.1	54.4	81.6
167	36.9	29.4	44.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 35.14 ng

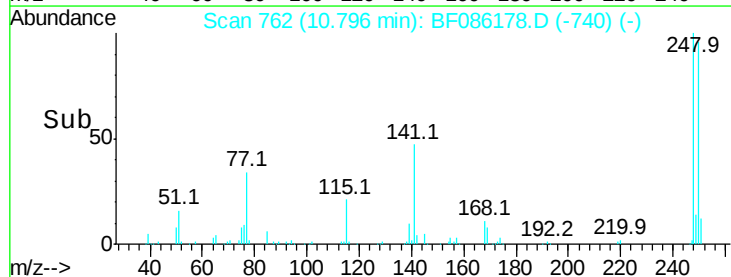
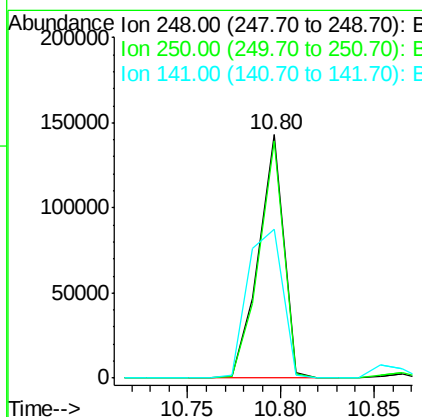
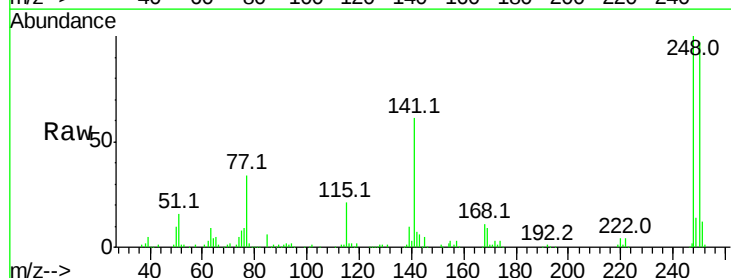
RT: 10.80 min Scan# 762

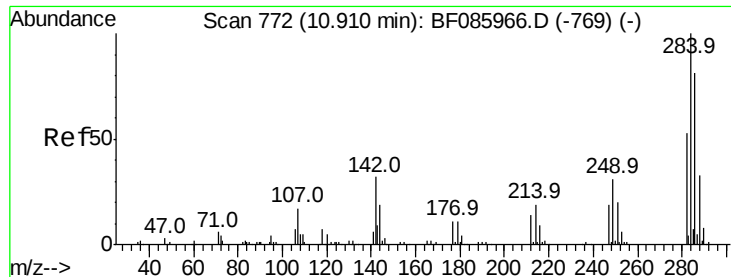
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	248	Resp:	133040
Ion Ratio	Lower	Upper	
248	100		
250	97.3	77.4	116.0
141	61.4	63.6	95.4#





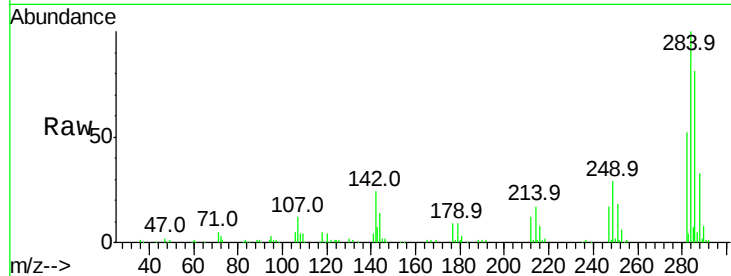
#67
Hexachlorobenzene
Concen: 35.59 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

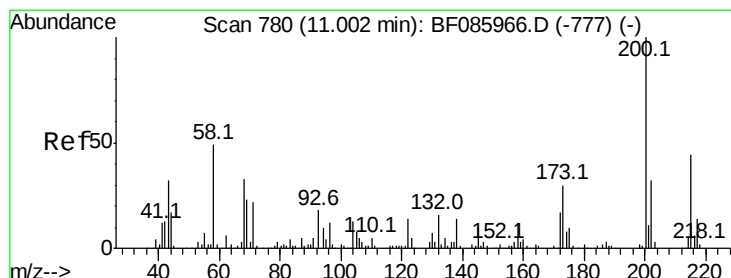
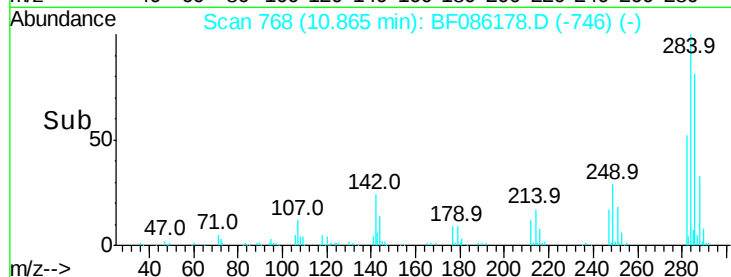
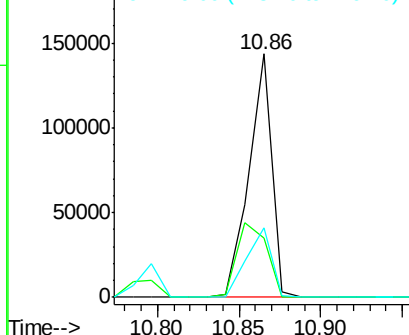
Tot Ion	Ratio	Resp	Lower	Upper
284	100	139353		
142	24.1	23.1	34.7	
249	28.6	24.2	36.2	

Manual Integrations
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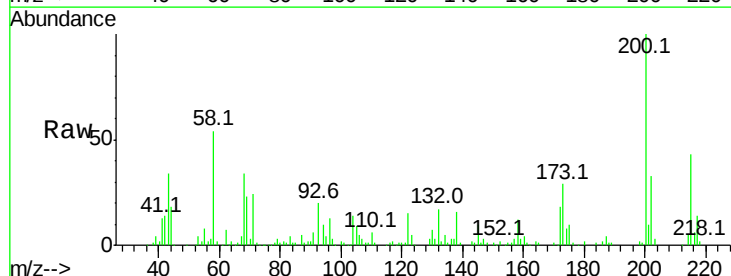


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

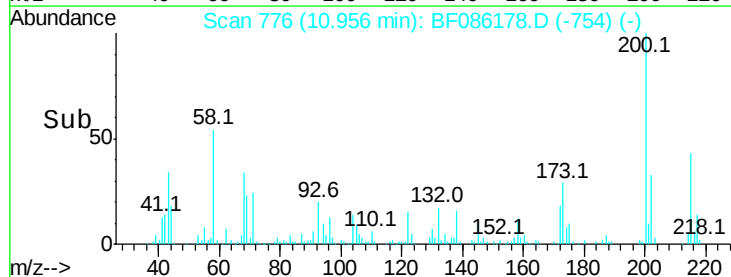
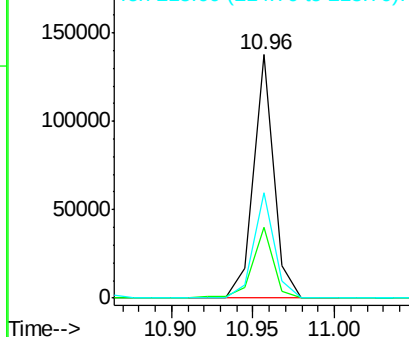


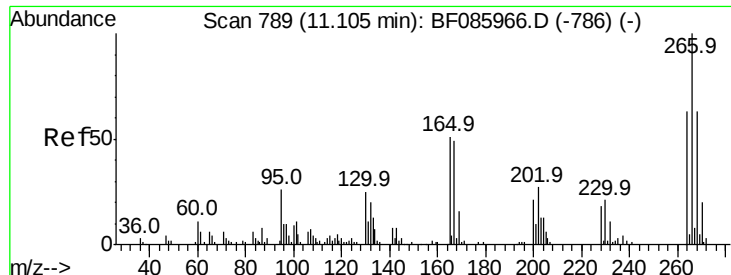
#68
Atrazine
Concen: 31.82 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	119228		
173	29.3	7.7	47.7	
215	43.3	25.4	65.4	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





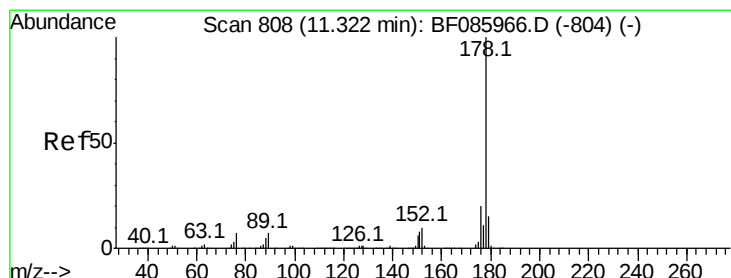
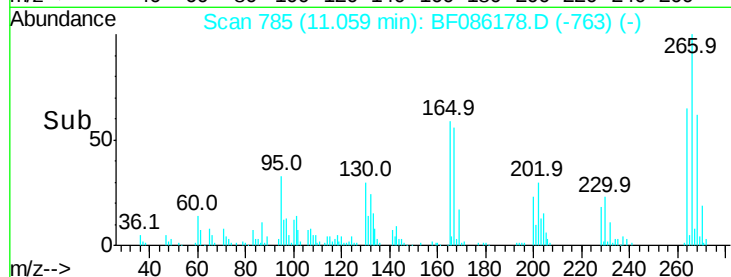
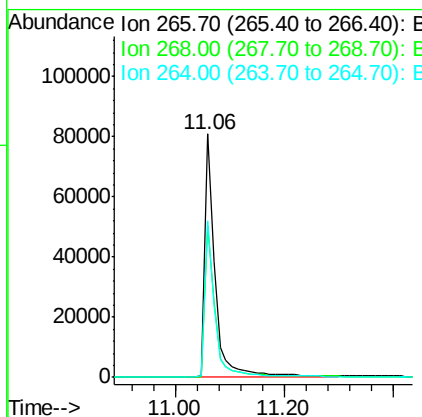
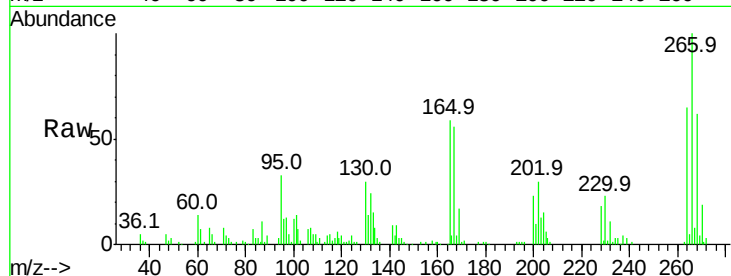
#69
 Pentachlorophenol
 Concen: 58.78 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampled :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	107855		
268	62.1	51.5	77.3	
264	64.5	50.6	76.0	

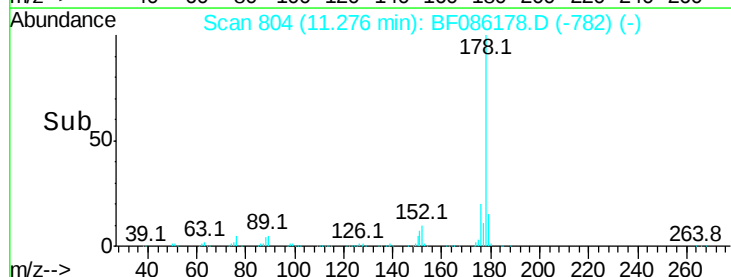
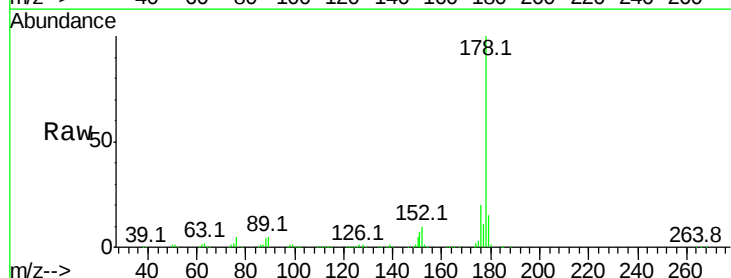
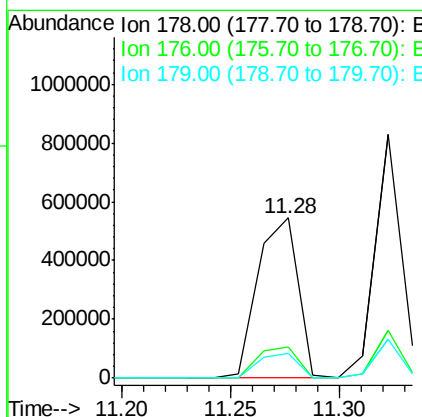
Manual Integrations
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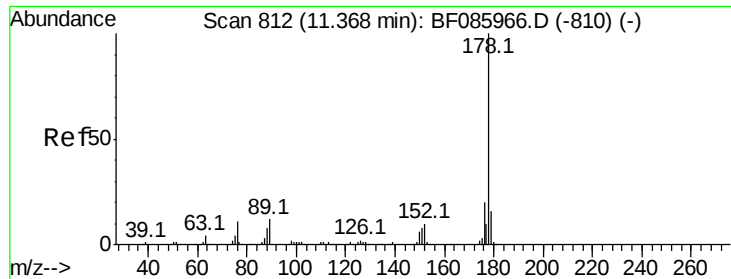
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#70
 Phenanthrene
 Concen: 34.90 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	706146		
176	19.8	16.3	24.5	
179	15.2	12.6	18.8	





#71

Anthracene

Concen: 33.36 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

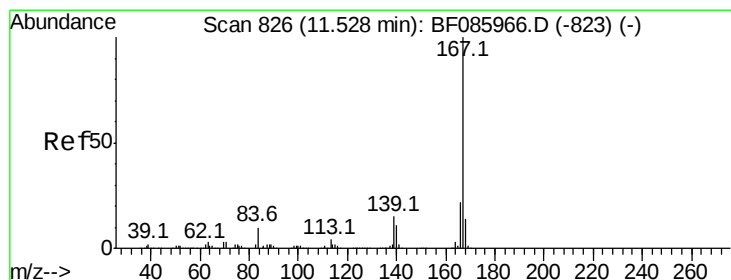
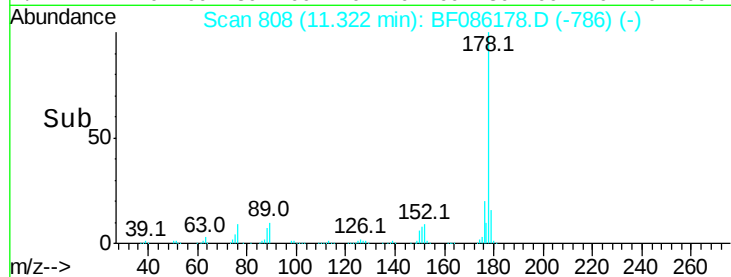
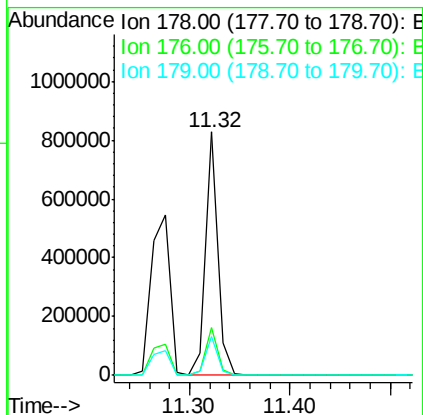
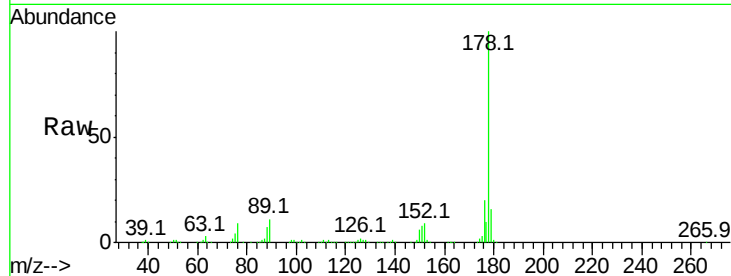
ClientSampled :

PB89612BS

Tot Ion:	178	Resp:	707021
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.9	23.9
179	15.7	13.0	19.4

Manual Integrations
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#72

Carbazole

Concen: 34.22 ng

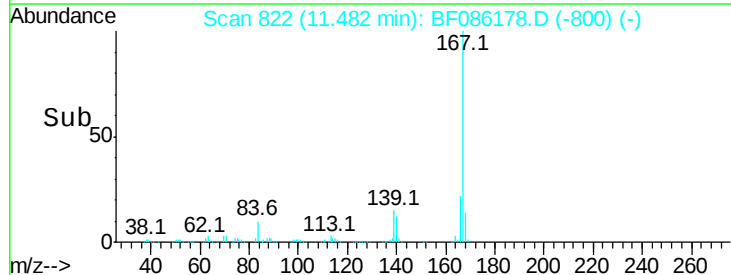
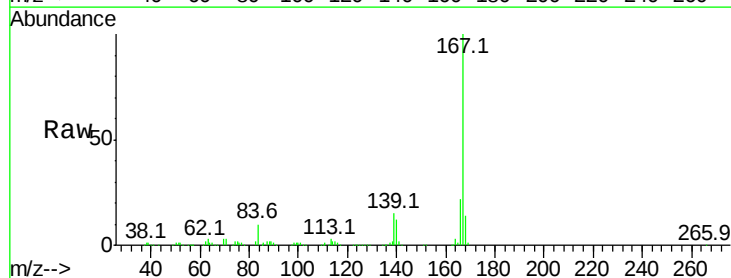
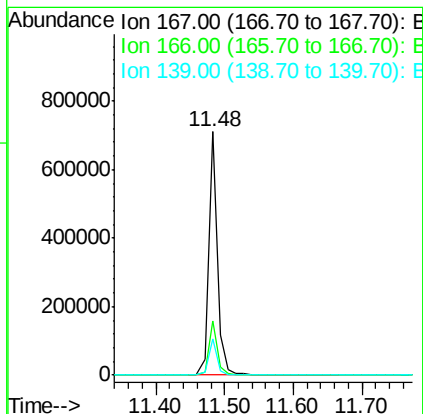
RT: 11.48 min Scan# 822

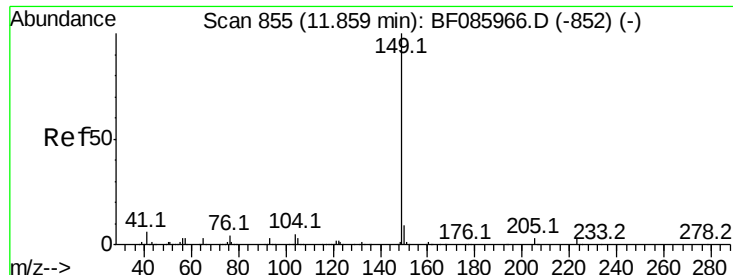
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	167	Resp:	623376
Ion Ratio	Lower	Upper	
167	100		
166	22.4	17.8	26.8
139	14.9	11.6	17.4





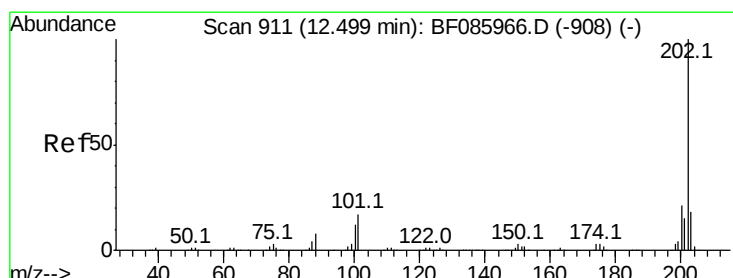
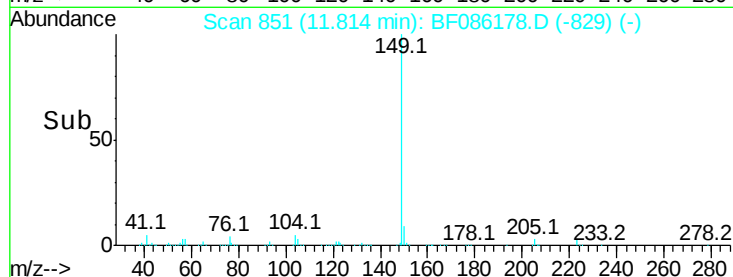
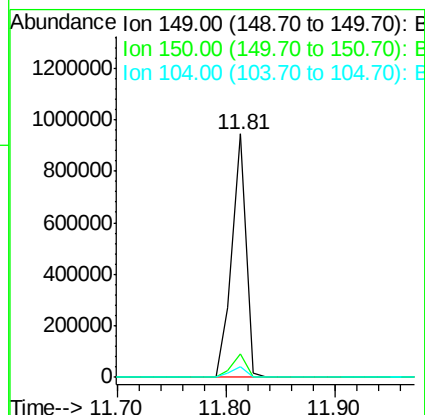
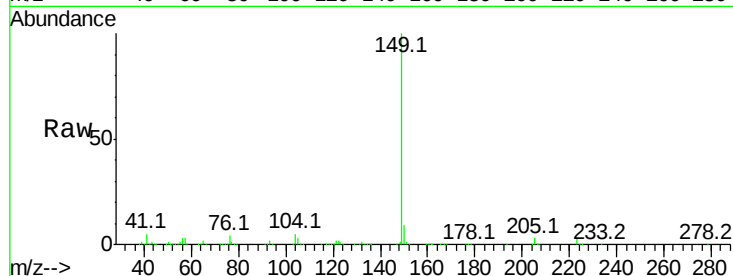
#73
Di-n-butylphthalate
Concen: 37.49 ng
RT: 11.81 min Scan# 851
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.6	11.4	
104	4.5	3.8	5.8	

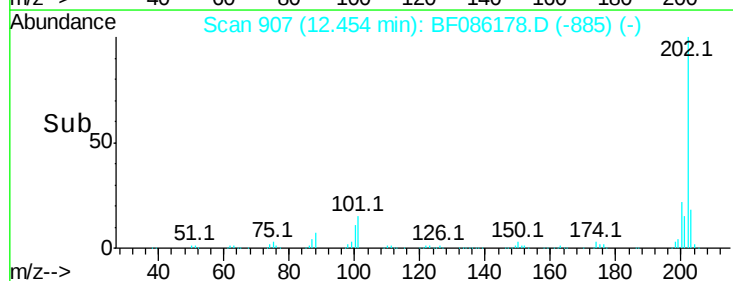
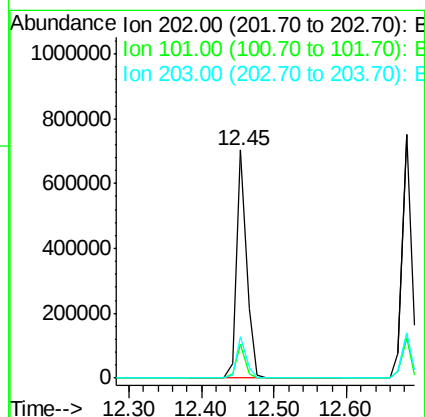
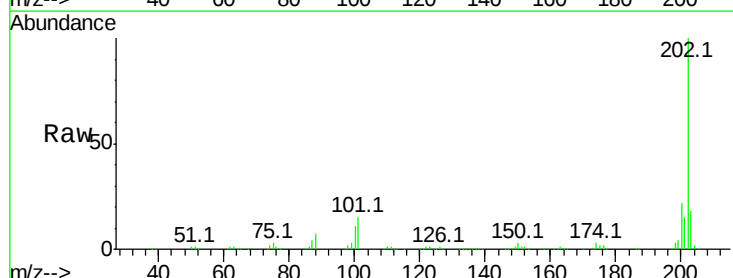
Manual Integrations
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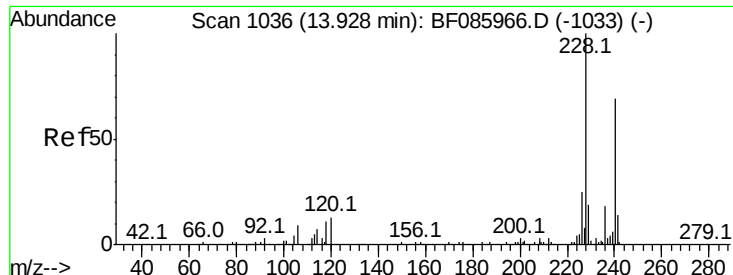
Sohil
4/11/2016 5:45:58 PM



#74
Fluoranthene
Concen: 31.89 ng
RT: 12.45 min Scan# 907
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	15.0	0.0	36.6	
203	18.0	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

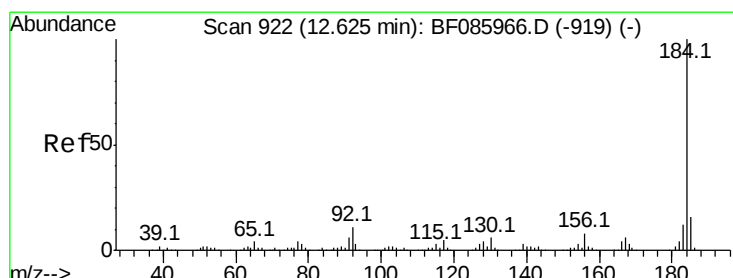
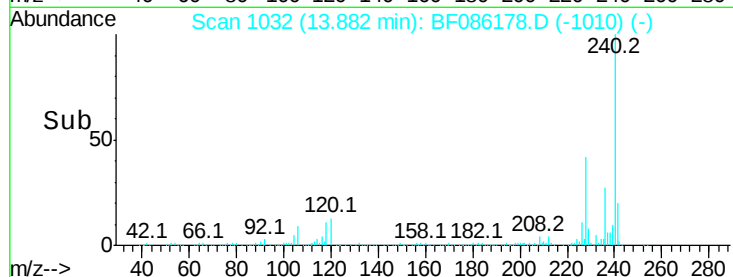
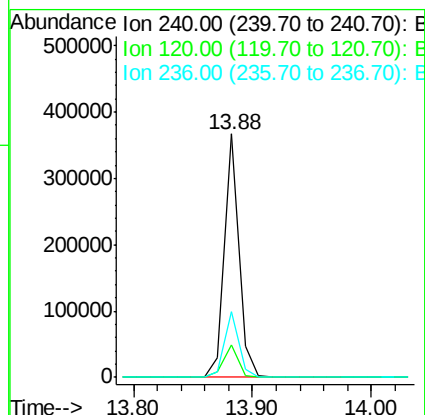
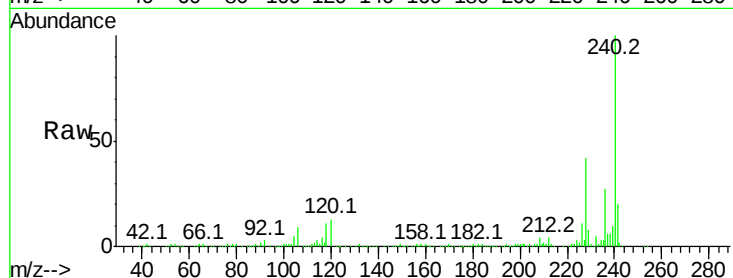
ClientSampleId :

PB89612BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	13.2	13.8	20.8#
236	27.1	20.6	30.8

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#76

Benzidine

Concen: 14.73 ng

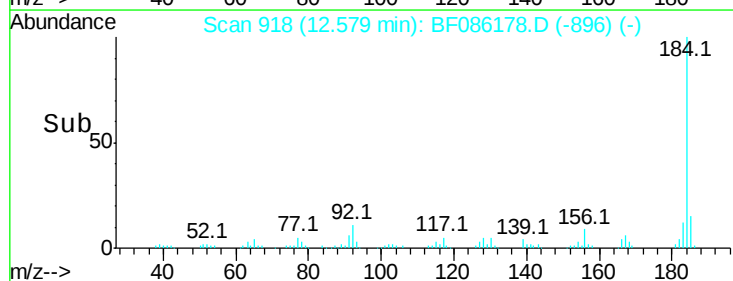
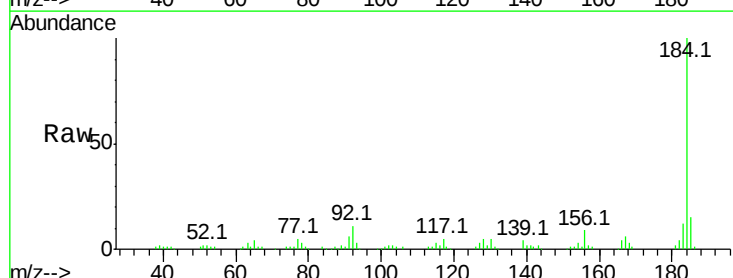
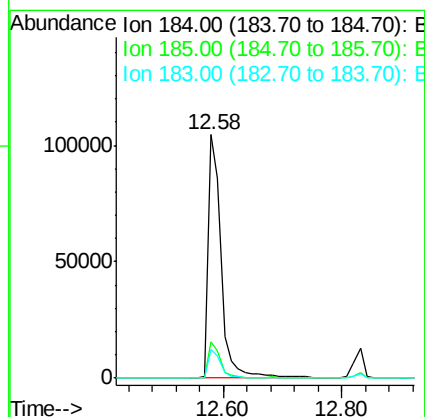
RT: 12.58 min Scan# 918

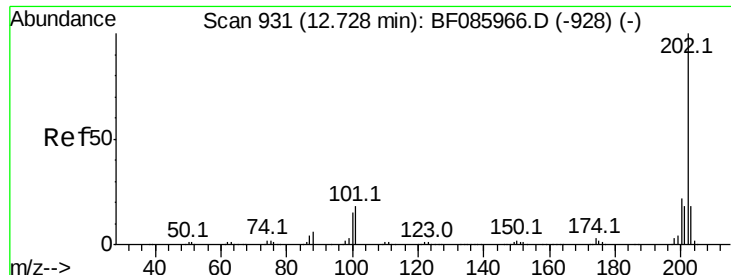
Delta R.T. -0.05 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.0	12.4	18.6
183	11.6	9.4	14.2





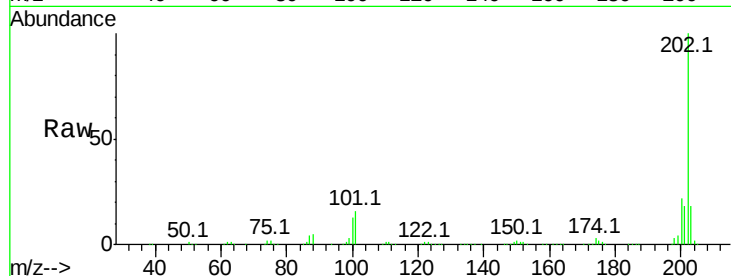
#77
Pvrene
Concen: 31.73 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.1	17.6	26.4
203	18.4	14.0	21.0

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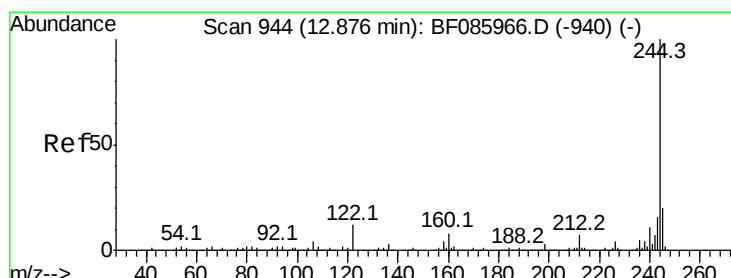
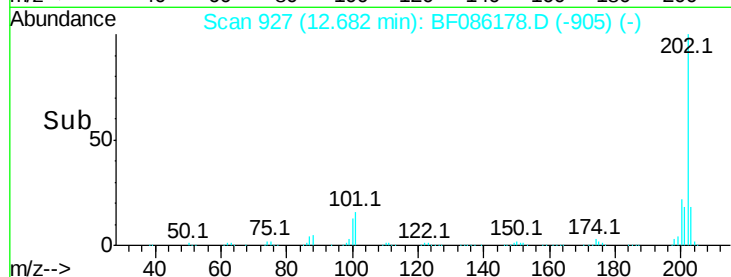
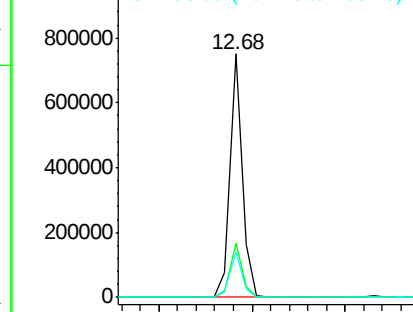


Abundance

Ion 202.00 (201.70 to 202.70): E

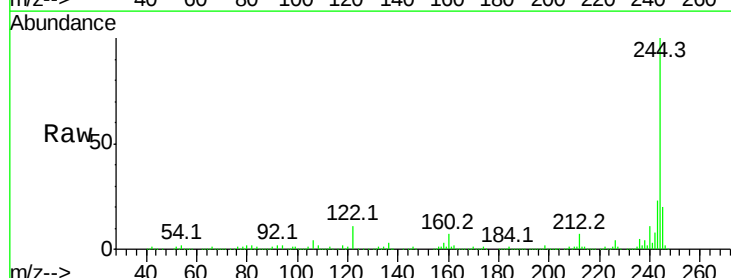
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 71.12 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.3	6.1	9.1
122	10.8	10.2	15.4

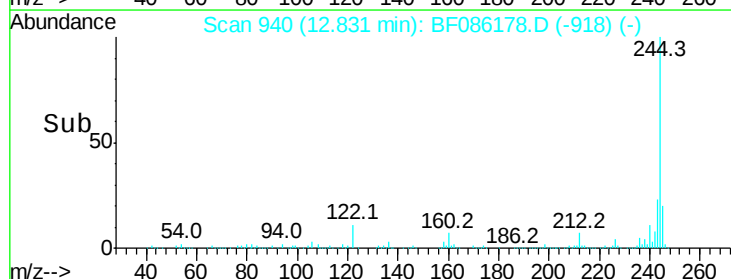
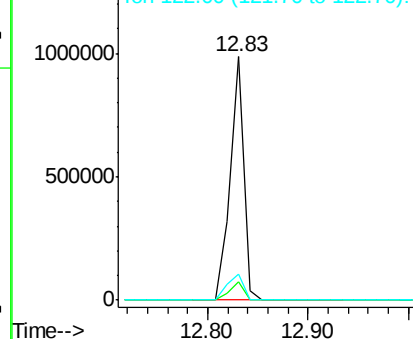


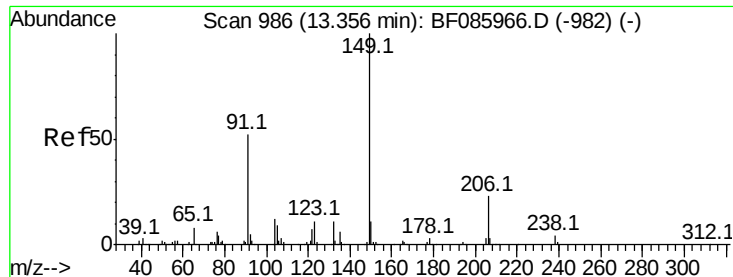
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





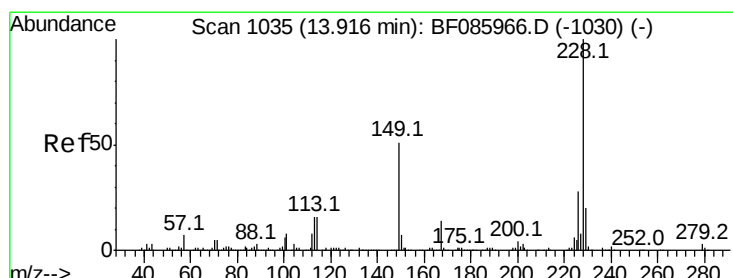
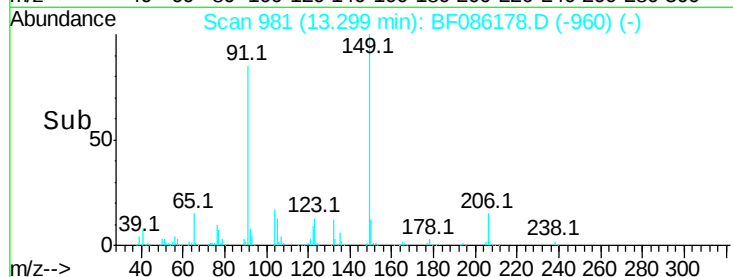
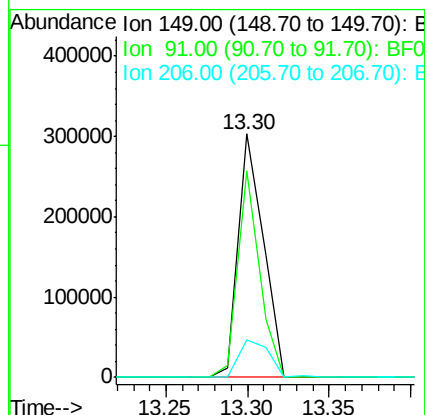
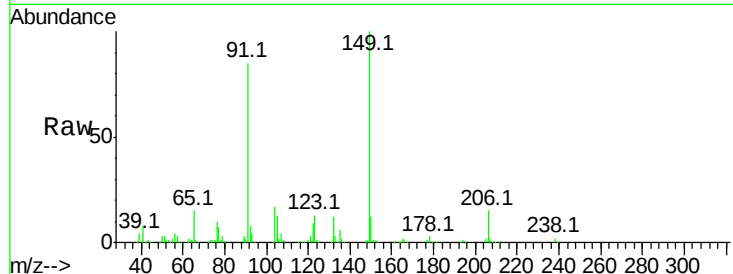
#79
Butylbenzylphthalate
Concen: 32.98 ng
RT: 13.30 min Scan# 981
Delta R.T. -0.06 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	321703		
91	84.8	45.8	68.8#	
206	15.3	17.8	26.8#	

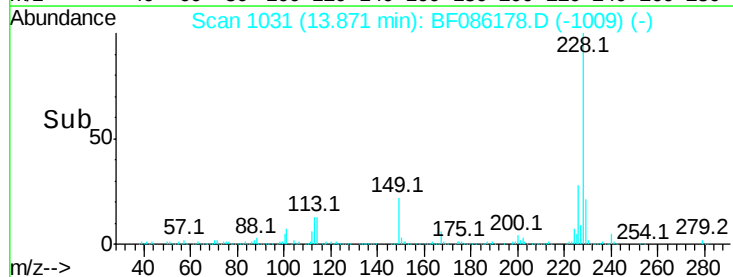
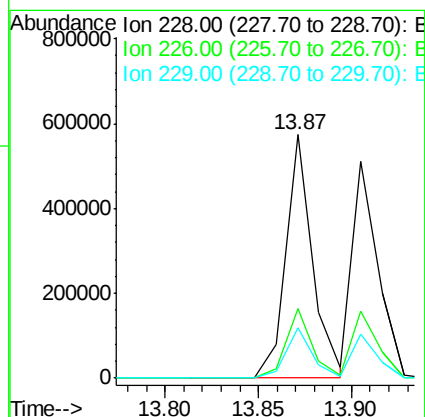
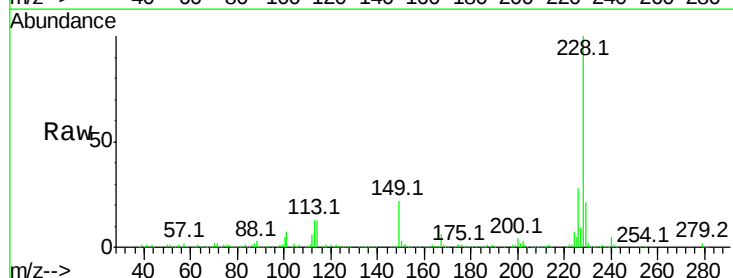
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#80
Benzo(a)anthracene
Concen: 31.58 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	572226		
226	28.5	22.1	33.1	
229	20.5	16.2	24.4	





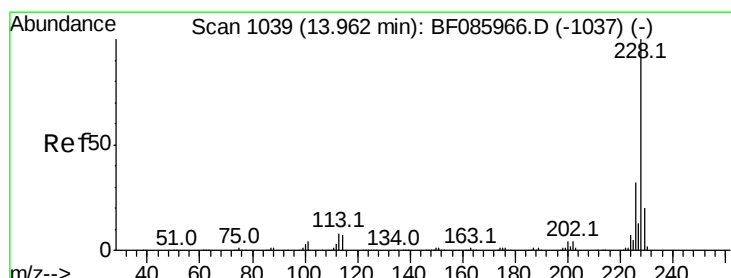
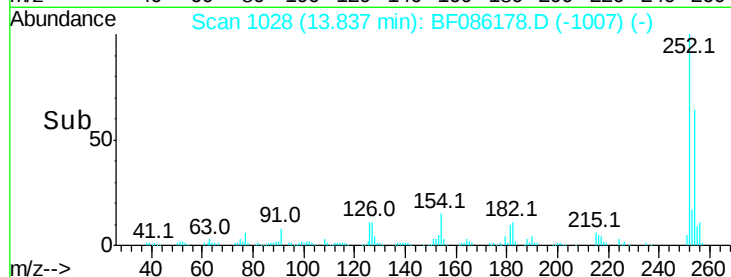
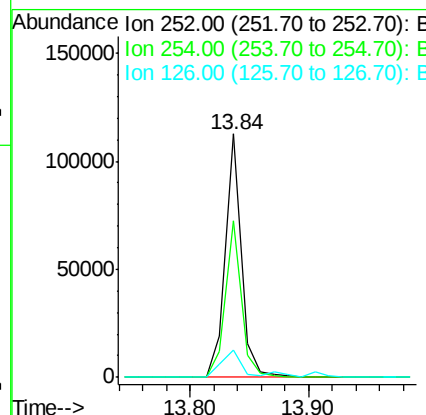
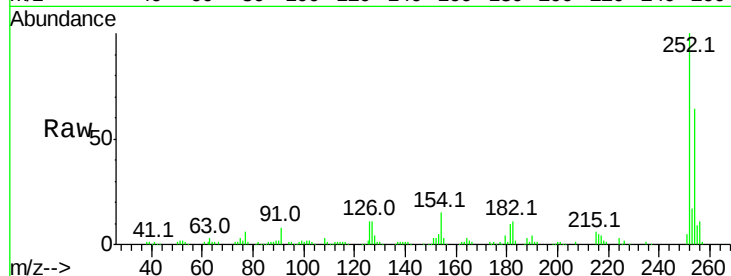
#81
 3,3'-Dichlorobenzidine
 Concen: 7.90 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.7	76.1
126	11.0	11.8	17.6

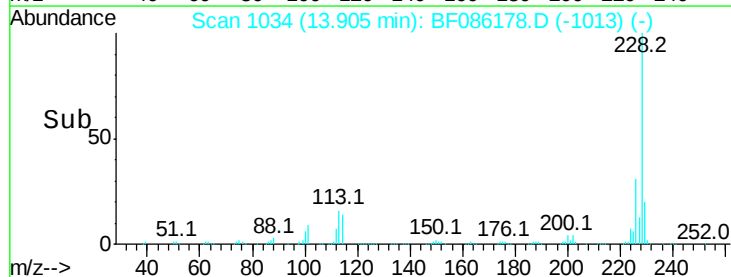
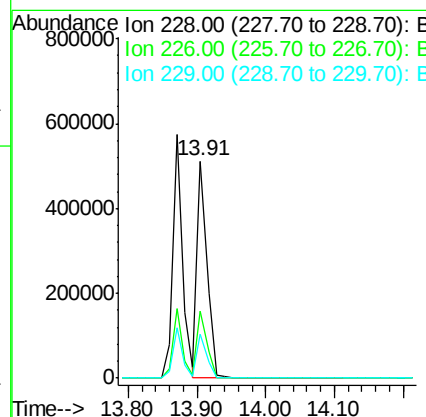
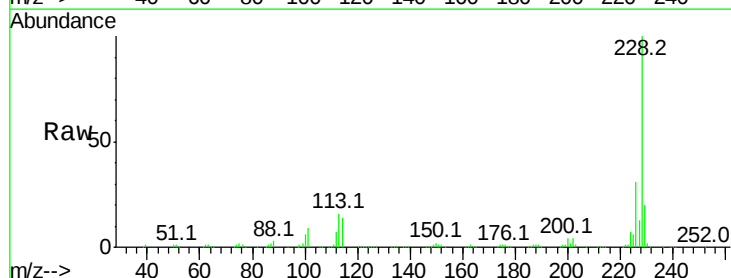
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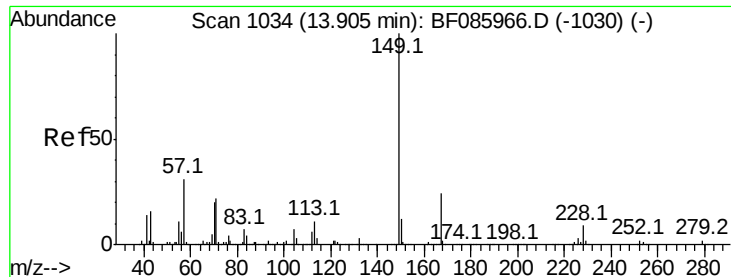
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#82
 Chrysene
 Concen: 28.86 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.06 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	15.7	23.5





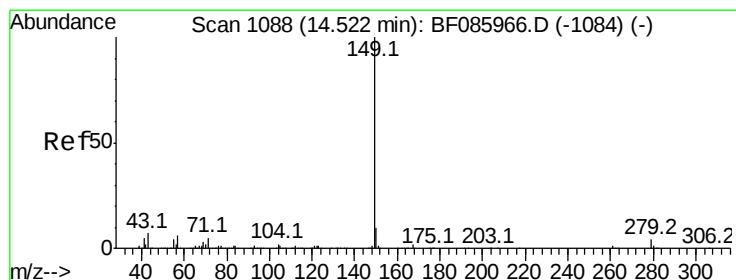
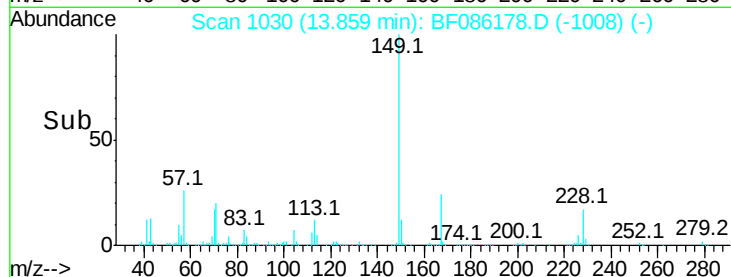
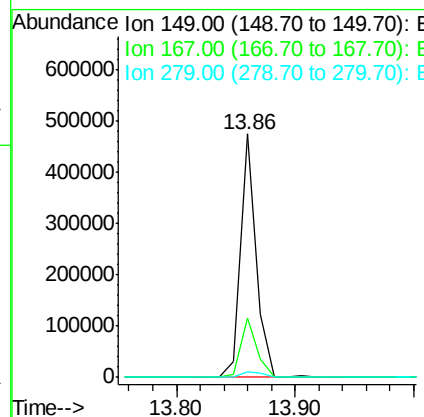
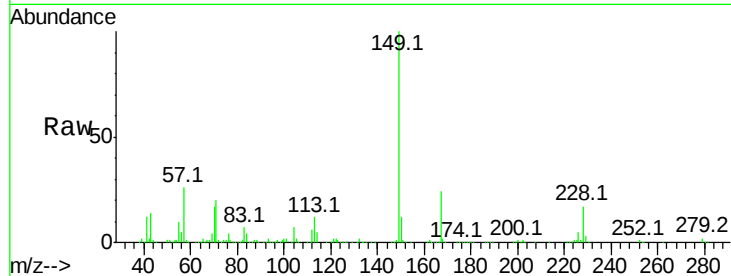
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.73 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	436715		
167	24.4	19.4	29.2	
279	2.2	1.5	2.3	

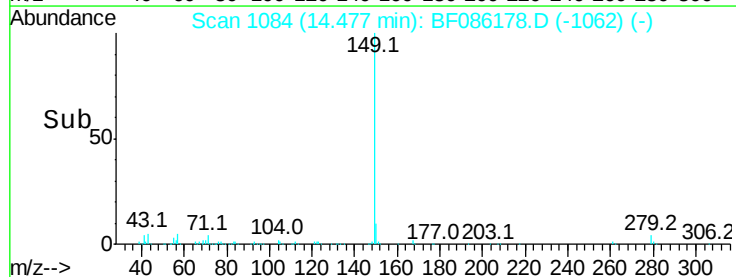
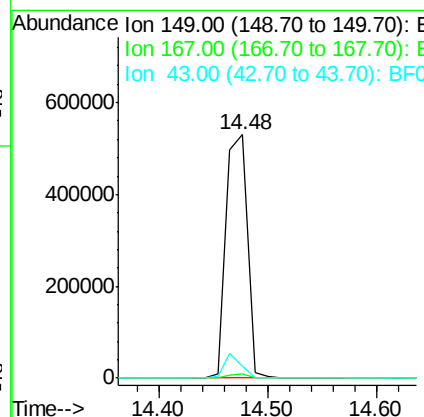
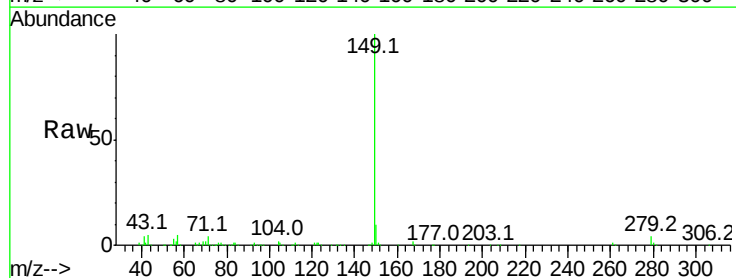
Manual Integrations
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#84
 Di-n-octyl phthalate
 Concen: 35.00 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	723519		
167	1.5	1.2	1.8	
43	8.2	7.1	10.7	





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.66 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.08 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

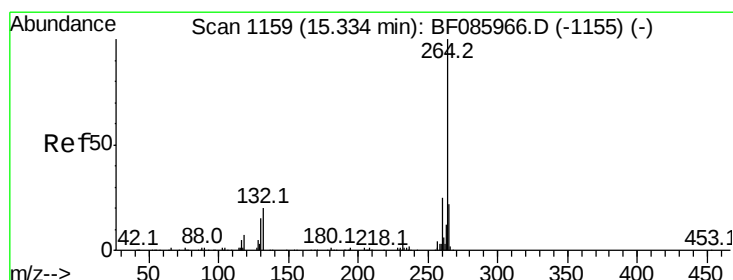
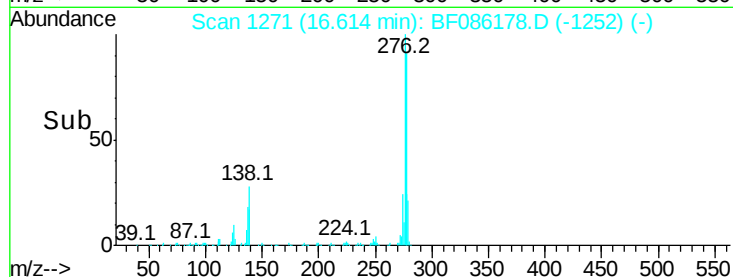
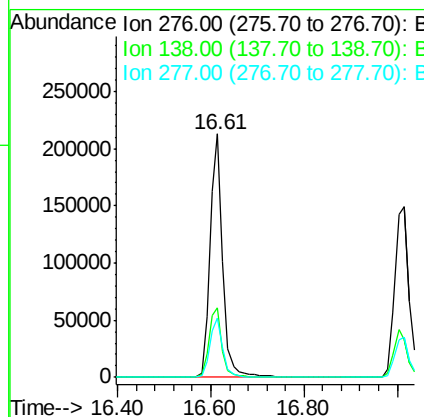
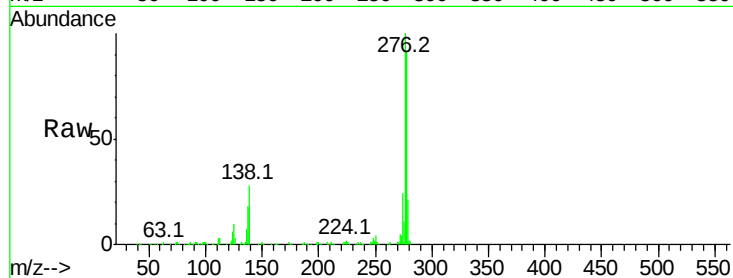
ClientSampleId :

PB89612BS

Tot Ion:	276	Resp:	405892
Ion Ratio	Lower	Upper	
276	100		
138	29.4	24.2	36.4
277	24.7	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

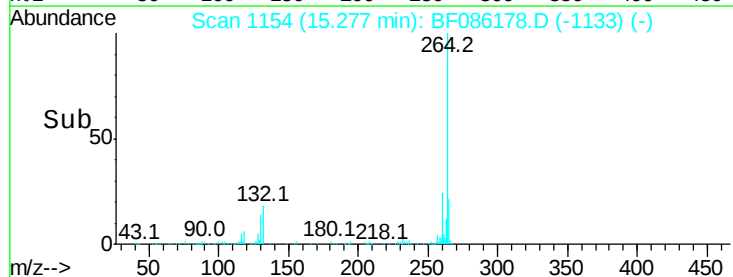
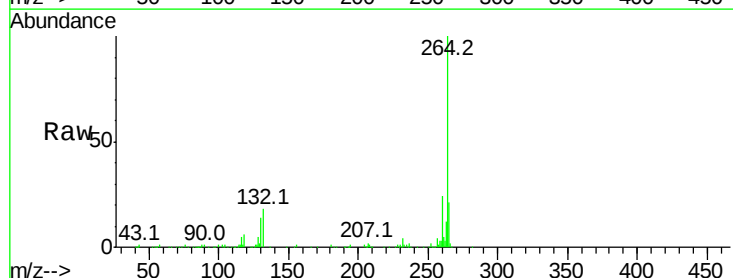
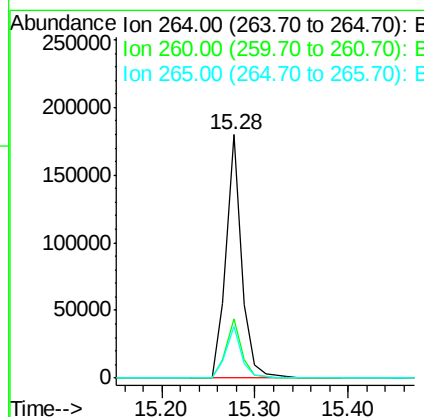
RT: 15.28 min Scan# 1154

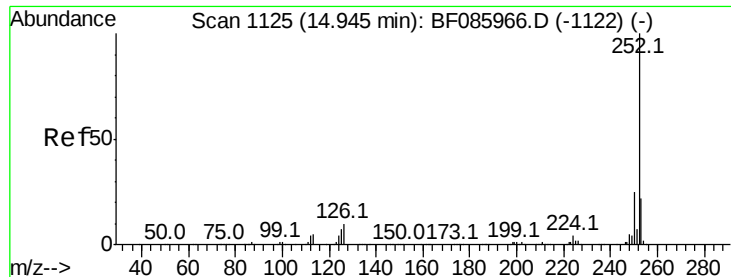
Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion:	264	Resp:	211617
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 36.16 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Instrument :

BNA_F

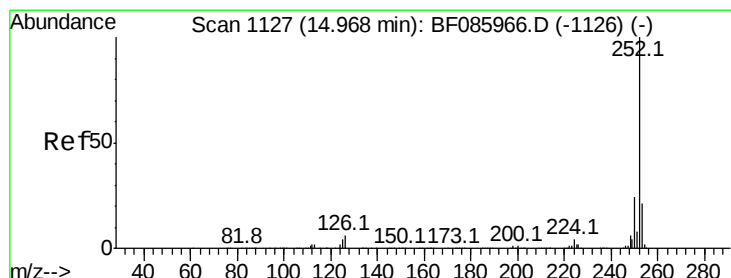
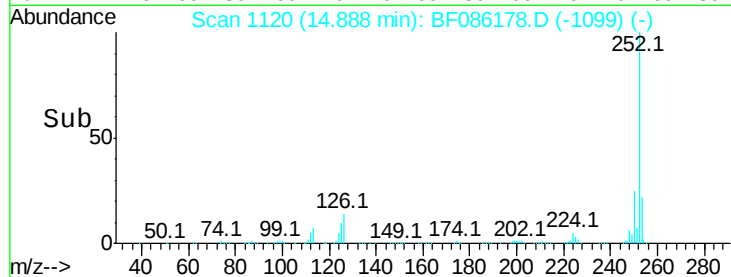
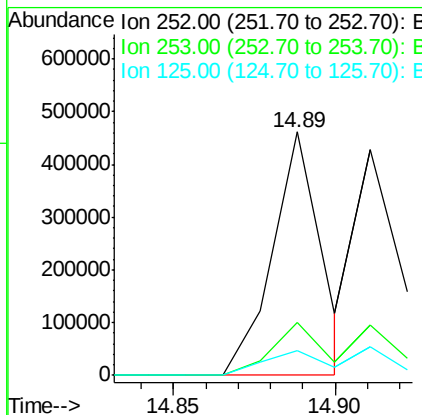
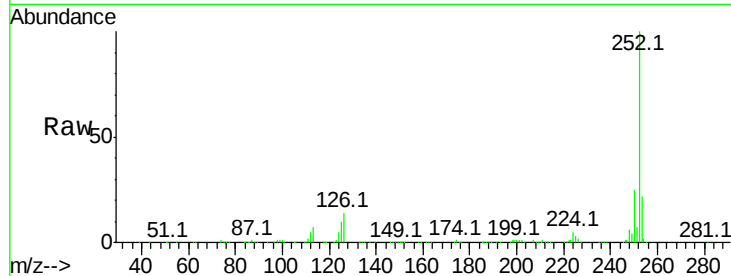
ClientSampleId :

PB89612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	10.4	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 35.93 ng m

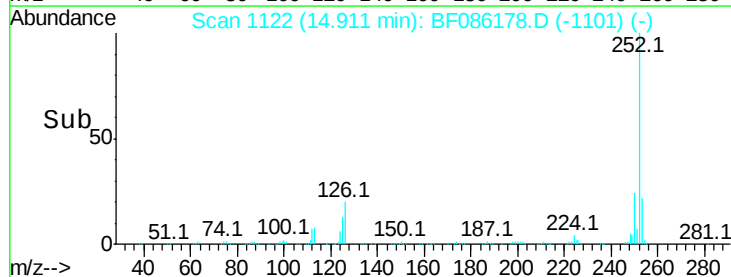
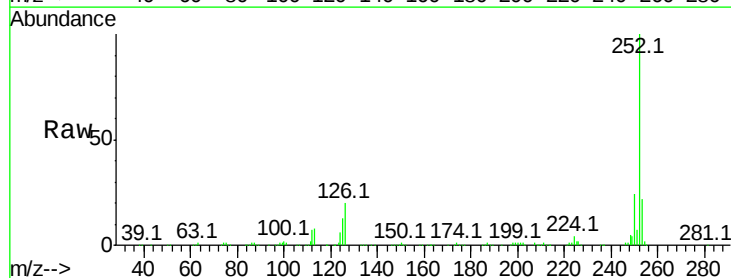
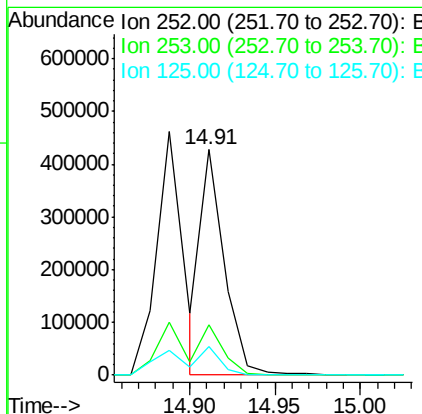
RT: 14.91 min Scan# 1122

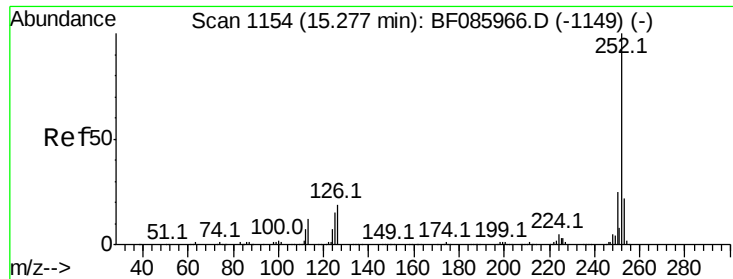
Delta R.T. -0.06 min

Lab File: BF086178.D

Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	13.0	7.7	11.5#





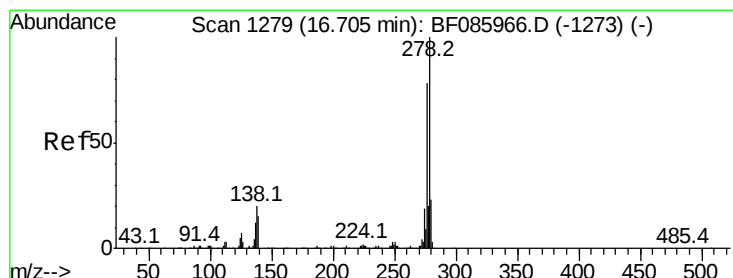
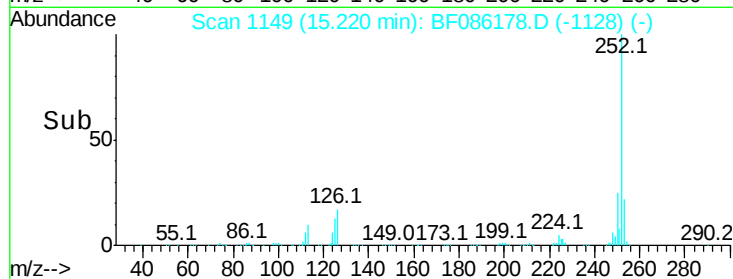
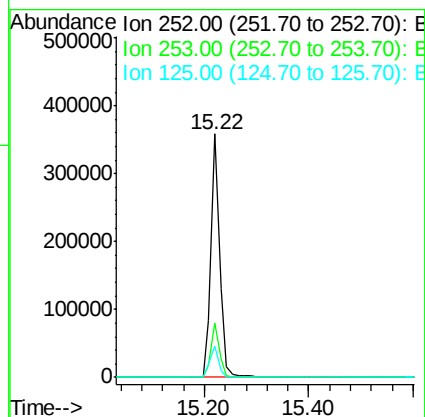
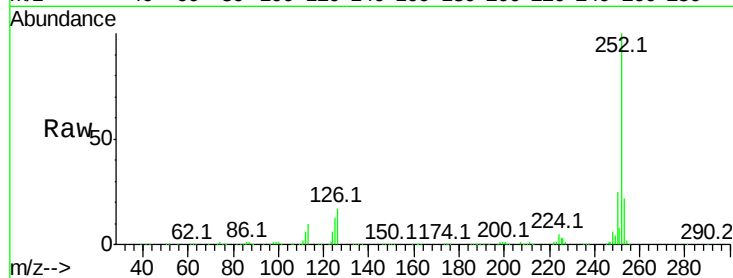
#89
Benzo(a)pyrene
Concen: 35.32 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.8	10.3	15.5

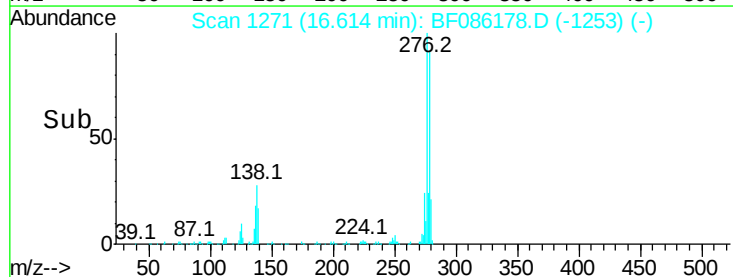
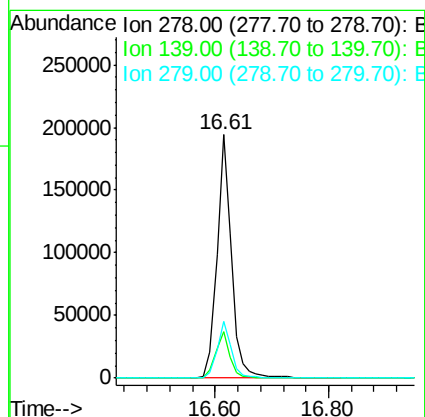
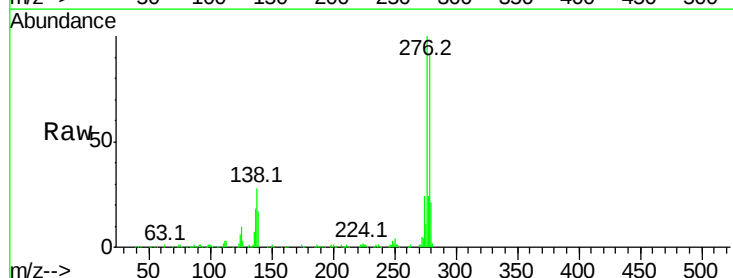
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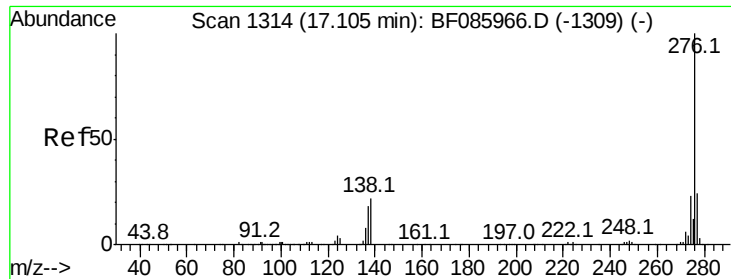
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#90
Dibenzo(a,h)anthracene
Concen: 35.86 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.09 min
Lab File: BF086178.D
Acq: 8 Apr 2016 19:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	14.4	21.6
279	23.3	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 36.20 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086178.D
 Acq: 8 Apr 2016 19:56

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.5	18.8	28.2
138	22.0	22.6	34.0

Manual Integrations
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